

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042622\
 Data File : VW025723.D
 Acq On : 26 Apr 2022 10:54
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005394

Quant Time: Apr 27 05:29:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 26 06:32:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	215984	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	214452	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	118589	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	84035	4.185	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.600%	
7) Chloroethane-d5	1.571	69	84105	3.937	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.800%	
11) 1,1-Dichloroethene-d2	2.111	63	173664	4.317	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.400%	
20) 2-Butanone-d5	3.889	46	121550	49.763	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.520%	
24) Chloroform-d	4.346	84	144943	4.777	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.600%	
26) 1,2-Dichloroethane-d4	5.031	65	64200	4.910	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.200%	
32) Benzene-d6	5.047	84	283830	4.574	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
36) 1,2-Dichloropropane-d6	6.066	67	81869	4.731	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.600%	
41) Toluene-d8	7.314	98	266958	4.636	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
43) trans-1,3-Dichloroprop...	7.619	79	26387	4.537	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.800%	
46) 2-Hexanone-d5	8.085	63	91963	45.050	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.100%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46019	4.209	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	84.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	83598	4.205	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	84.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	76244	3.908	ug/L	98
3) Chloromethane	1.246	50	95442	4.502	ug/L	100
5) Vinyl chloride	1.314	62	104500	4.362	ug/L	100
6) Bromomethane	1.526	94	61864	3.581	ug/L	100
8) Chloroethane	1.587	64	76898	4.158	ug/L	97
9) Trichlorofluoromethane	1.757	101	154375	4.588	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	88710	4.692	ug/L	97
12) 1,1-Dichloroethene	2.121	96	79969	4.269	ug/L	90
13) Acetone	2.185	43	85202	51.393	ug/L	97
14) Carbon disulfide	2.298	76	164534	3.669	ug/L	99
15) Methyl Acetate	2.439	43	18934	5.139	ug/L #	87
16) Methylene chloride	2.507	84	74993	4.129	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	131425	4.534	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	69065	4.400	ug/L	97
19) 1,1-Dichloroethane	3.188	63	132865	4.997	ug/L	98
21) 2-Butanone	3.970	43	123670	53.985	ug/L	93
22) cis-1,2-Dichloroethene	3.909	96	75584	4.574	ug/L	96
23) Bromochloromethane	4.246	128	30970	4.514	ug/L	94
25) Chloroform	4.372	83	142985	5.095	ug/L	94

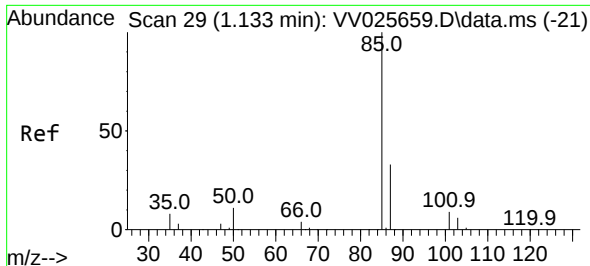
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042622\
 Data File : VW025723.D
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 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VSTD005394

Quant Time: Apr 27 05:29:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 26 06:32:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	74063	5.002	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	126273	4.992	ug/L	98
30) Cyclohexane	4.677	56	95267	4.143	ug/L	98
31) Carbon tetrachloride	4.825	117	104993	4.908	ug/L	100
33) Benzene	5.098	78	300447	4.743	ug/L	100
34) Trichloroethene	5.912	95	79700	4.738	ug/L	97
35) Methylcyclohexane	6.127	83	112988	4.210	ug/L	95
37) 1,2-Dichloropropane	6.169	63	73890	5.042	ug/L	100
38) Bromodichloromethane	6.506	83	94363	5.187	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	94373	4.914	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	319634	54.471	ug/L	96
42) Toluene	7.384	91	325149	4.718	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	76103	5.100	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	47668	4.857	ug/L	98
47) Tetrachloroethene	7.973	164	59604	4.526	ug/L	98
48) 2-Hexanone	8.137	43	234175	57.264	ug/L	94
49) Dibromochloromethane	8.243	129	55372	5.139	ug/L	96
50) 1,2-Dibromoethane	8.349	107	41159	4.465	ug/L	98
51) Chlorobenzene	8.879	112	207129	4.707	ug/L	98
52) Ethylbenzene	9.011	91	339485	4.619	ug/L	99
53) m,p-Xylene	9.137	106	134543	4.815	ug/L	96
54) o-Xylene	9.542	106	127826	4.710	ug/L	97
55) Styrene	9.558	104	222402	5.039	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.236	83	44732	4.562	ug/L	96
59) Bromoform	9.728	173	24500	5.005	ug/L	94
60) Isopropylbenzene	9.928	105	346122	4.715	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	38636	4.947	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	144103	4.402	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	276127	4.682	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	160789	4.693	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	161414	4.641	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	141035	4.648	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6606	4.892	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	114684	4.399	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	83548	4.157	ug/L	99
71) Naphthalene	13.500	128	120665	4.093	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	71902	4.321	ug/L	96

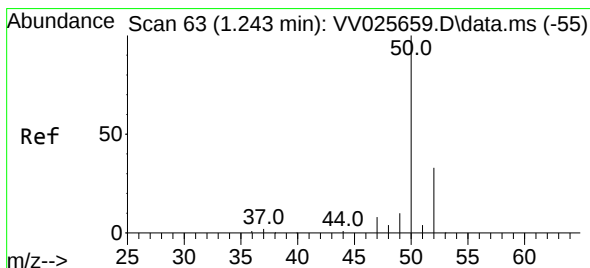
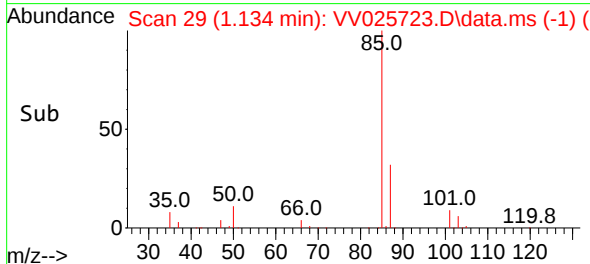
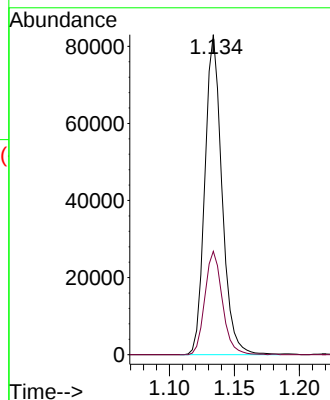
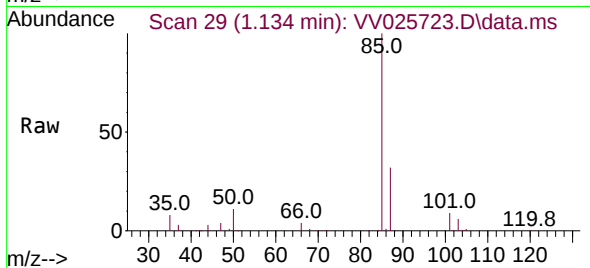
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 3.908 ug/L
 RT: 1.134 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VV025723.D
 Acq: 26 Apr 2022 10:54

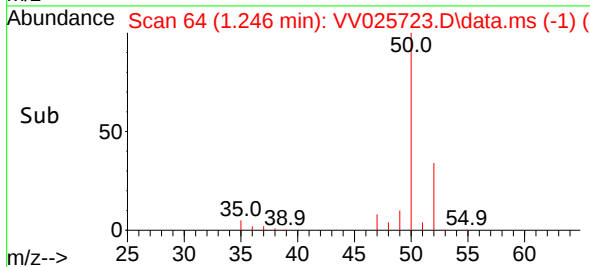
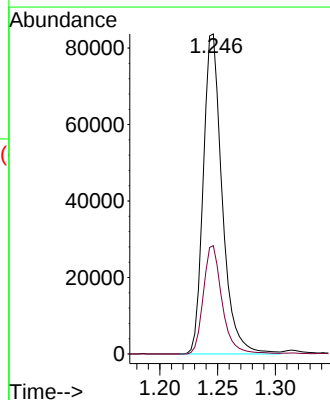
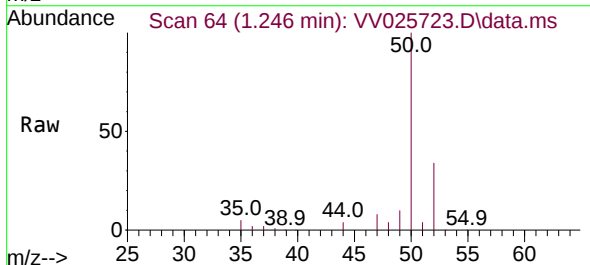
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005394

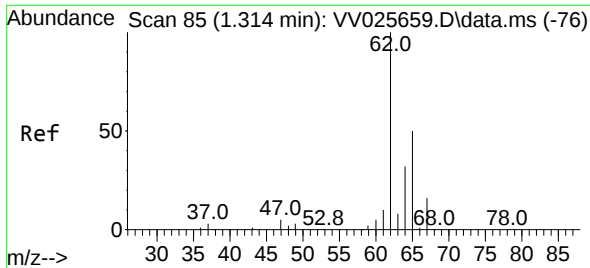
Tgt Ion: 85 Resp: 76244
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.6 38.4



#3
 Chloromethane
 Concen: 4.502 ug/L
 RT: 1.246 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: VV025723.D
 Acq: 26 Apr 2022 10:54

Tgt Ion: 50 Resp: 95442
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.7 43.9

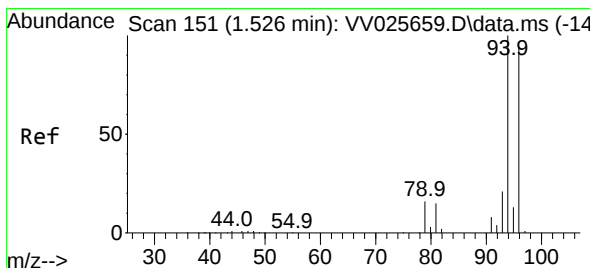
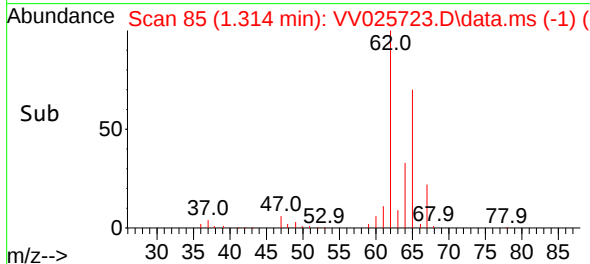
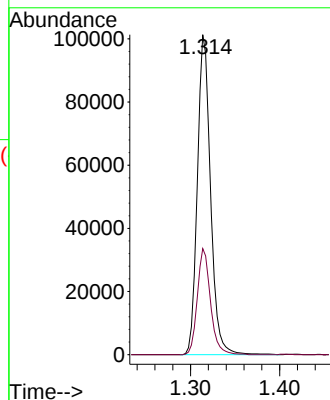
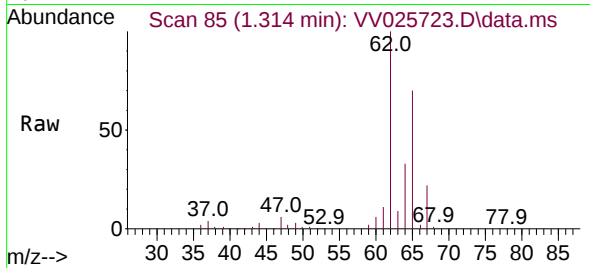




#5
 Vinyl chloride
 Concen: 4.362 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025723.D
 Acq: 26 Apr 2022 10:54

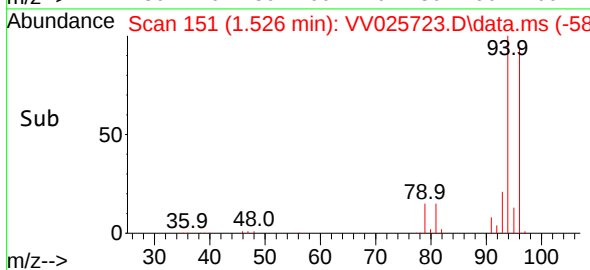
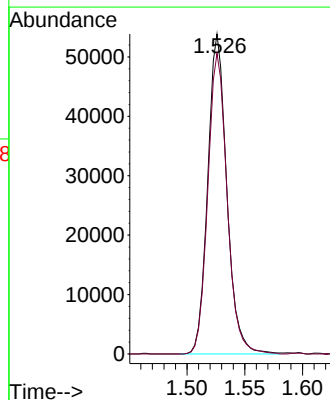
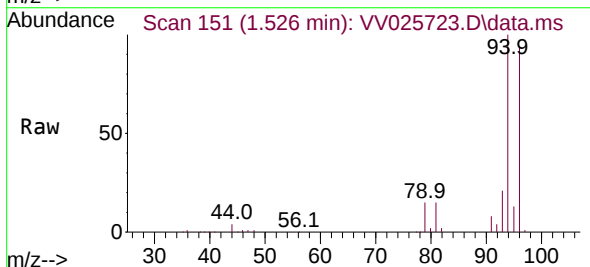
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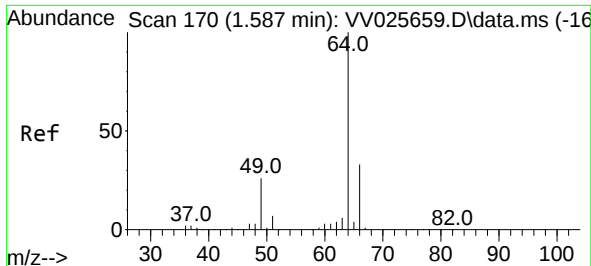
Tgt Ion: 62 Resp: 104500
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.2



#6
 Bromomethane
 Concen: 3.581 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV025723.D
 Acq: 26 Apr 2022 10:54

Tgt Ion: 94 Resp: 61864
 Ion Ratio Lower Upper
 94 100
 96 93.9 66.1 122.7

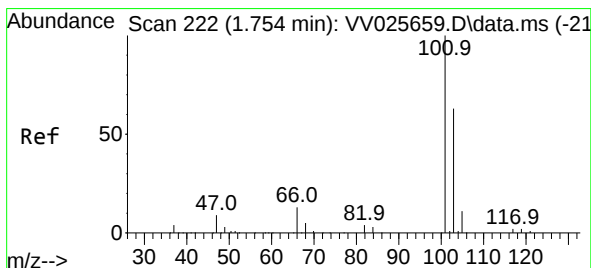
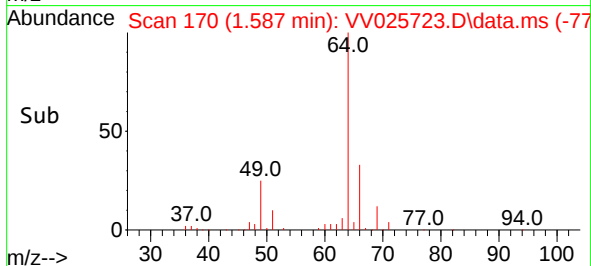
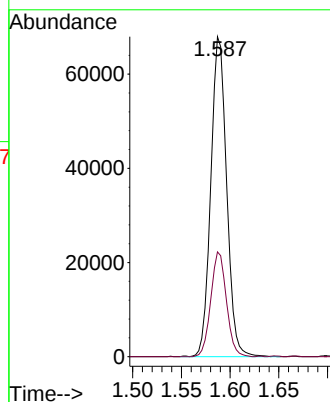
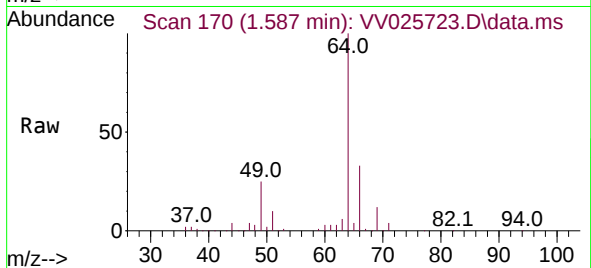




#8
Chloroethane
Concen: 4.158 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025723.D
Acq: 26 Apr 2022 10:54

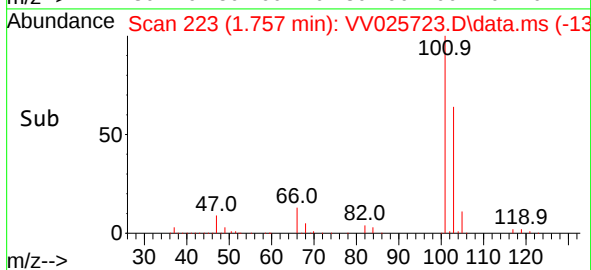
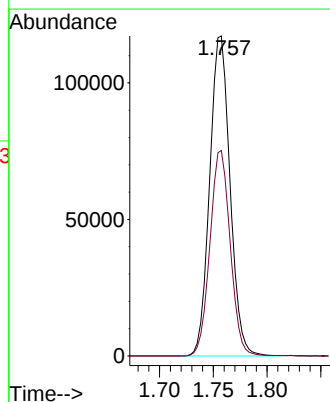
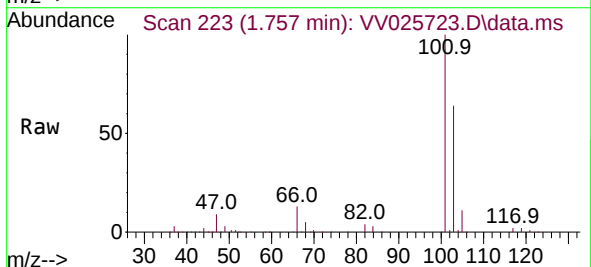
Instrument :
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ClientSampleId :
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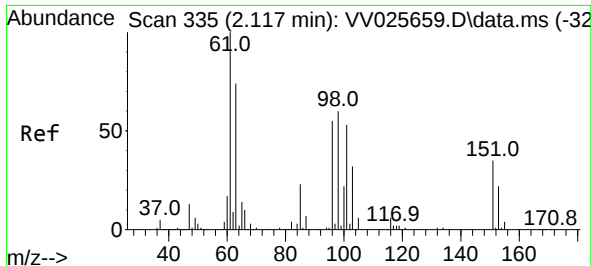
Tgt Ion: 64 Resp: 76898
Ion Ratio Lower Upper
64 100
66 32.8 21.8 40.6



#9
Trichlorofluoromethane
Concen: 4.588 ug/L
RT: 1.757 min Scan# 223
Delta R.T. -0.000 min
Lab File: VV025723.D
Acq: 26 Apr 2022 10:54

Tgt Ion:101 Resp: 154375
Ion Ratio Lower Upper
101 100
103 63.9 51.9 77.9

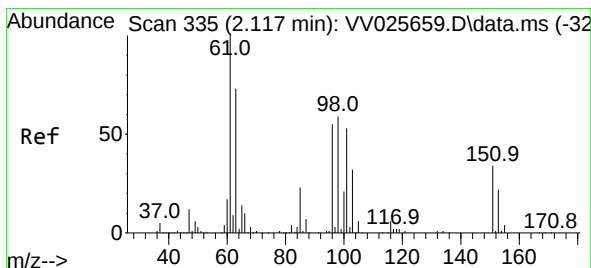
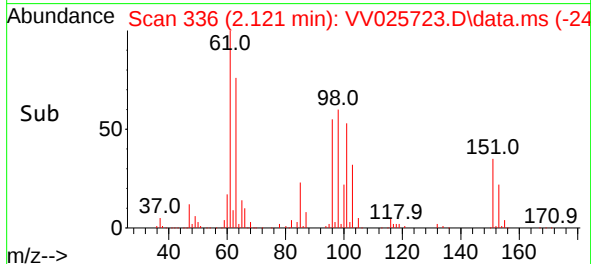
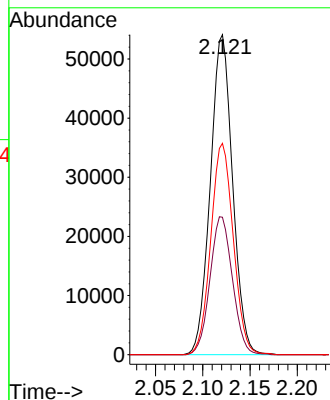
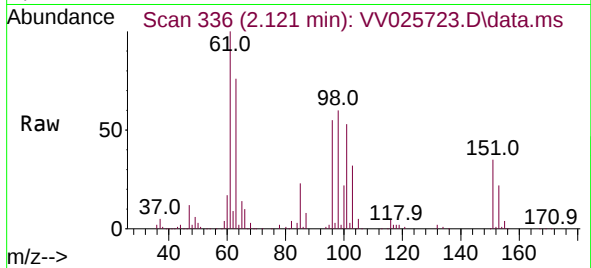




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.692 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV025723.D
 Acq: 26 Apr 2022 10:54

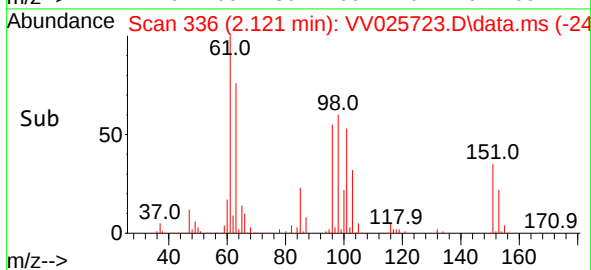
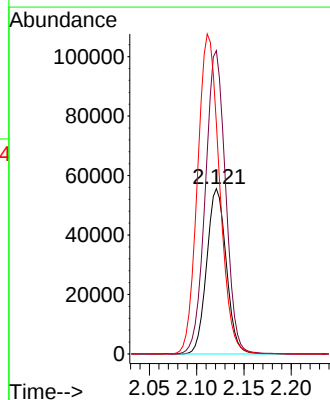
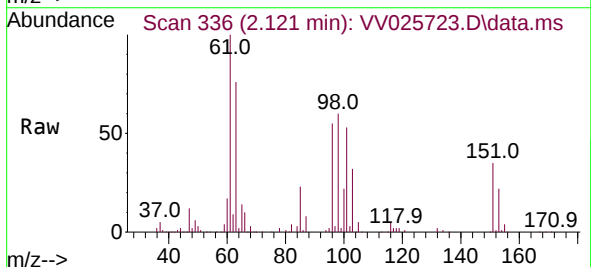
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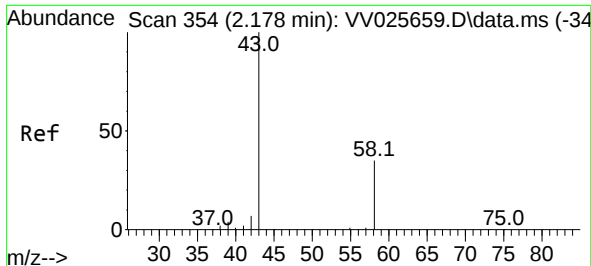
Tgt Ion:101 Resp: 88710
 Ion Ratio Lower Upper
 101 100
 85 43.5 35.9 53.9
 151 66.8 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 4.269 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VV025723.D
 Acq: 26 Apr 2022 10:54

Tgt Ion: 96 Resp: 79969
 Ion Ratio Lower Upper
 96 100
 61 183.5 125.2 232.4
 63 139.6 114.4 212.4





#13

Acetone

Concen: 51.393 ug/L

RT: 2.185 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV025723.D

Acq: 26 Apr 2022 10:54

Instrument :

MSVOA_V

ClientSampleId :

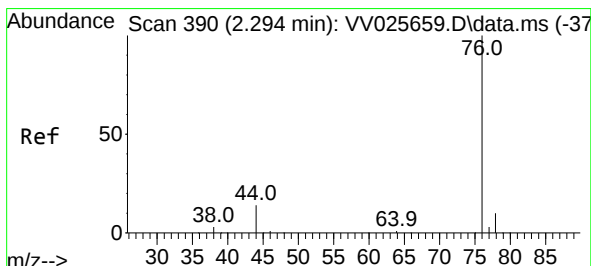
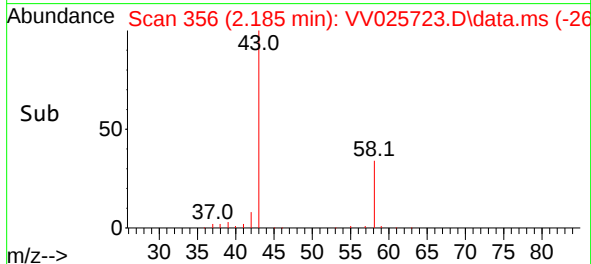
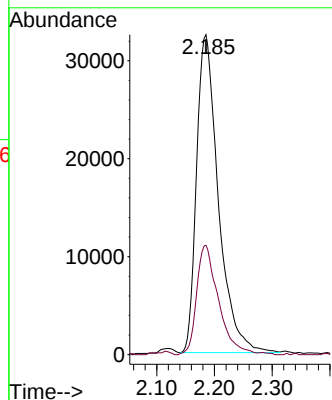
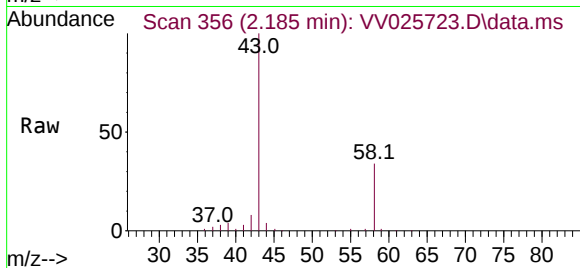
VSTD005394

Tgt Ion: 43 Resp: 85202

Ion Ratio Lower Upper

43 100

58 34.3 0.0 72.2



#14

Carbon disulfide

Concen: 3.669 ug/L

RT: 2.298 min Scan# 391

Delta R.T. -0.000 min

Lab File: VV025723.D

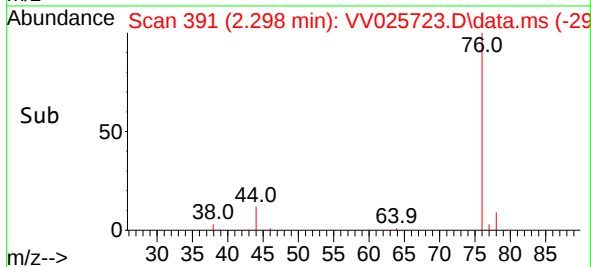
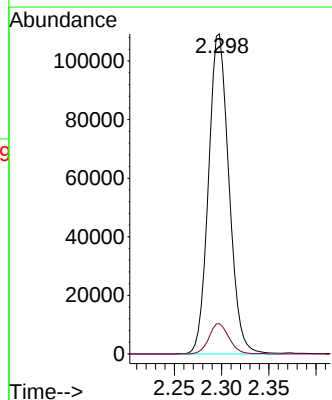
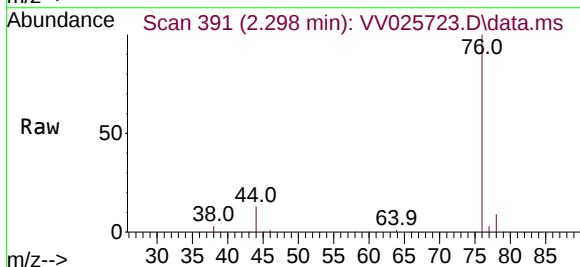
Acq: 26 Apr 2022 10:54

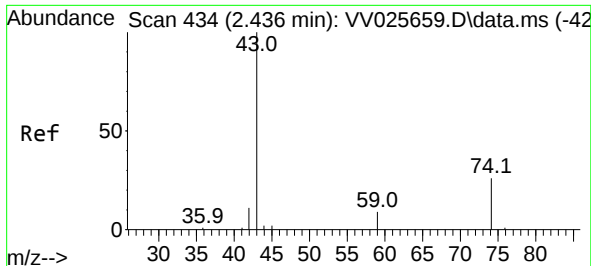
Tgt Ion: 76 Resp: 164534

Ion Ratio Lower Upper

76 100

78 9.5 7.3 10.9





#15

Methyl Acetate

Concen: 5.139 ug/L

RT: 2.439 min Scan# 41

Delta R.T. -0.000 min

Lab File: VV025723.D

Acq: 26 Apr 2022 10:54

Instrument :

MSVOA_V

ClientSampleId :

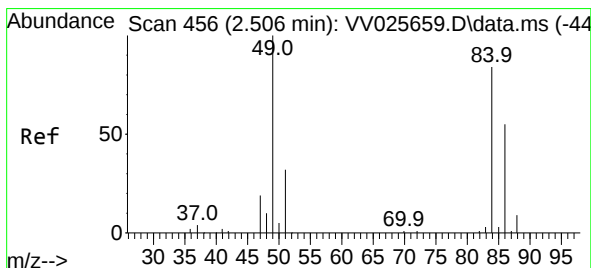
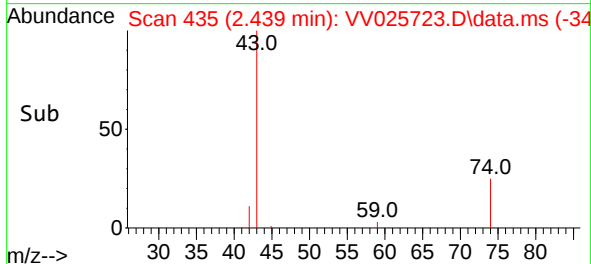
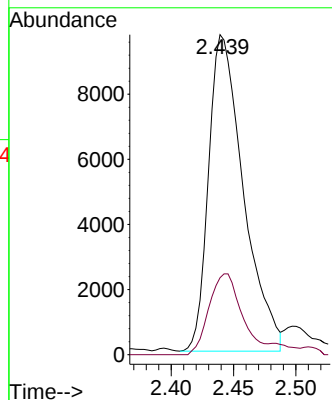
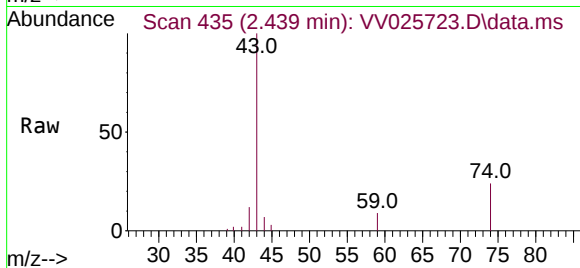
VSTD005394

Tgt Ion: 43 Resp: 18934

Ion Ratio Lower Upper

43 100

74 24.2 25.2 37.8#



#16

Methylene chloride

Concen: 4.129 ug/L

RT: 2.507 min Scan# 456

Delta R.T. -0.003 min

Lab File: VV025723.D

Acq: 26 Apr 2022 10:54

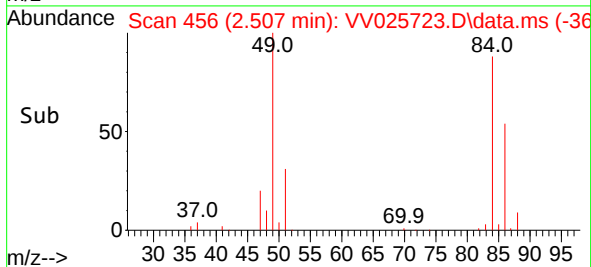
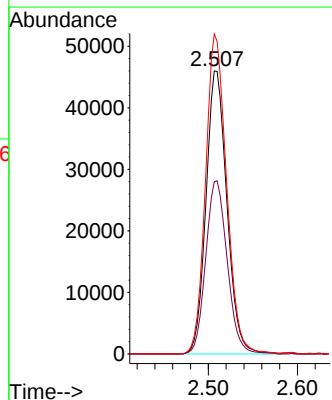
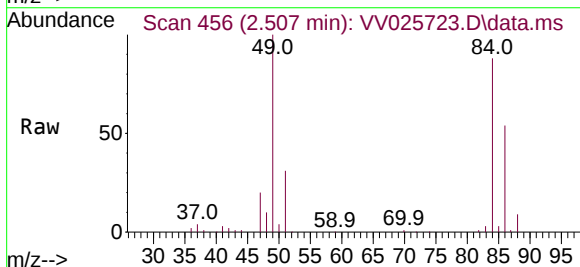
Tgt Ion: 84 Resp: 74993

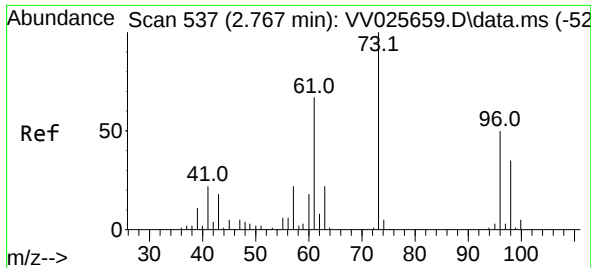
Ion Ratio Lower Upper

84 100

86 60.9 45.9 85.3

49 113.1 76.6 142.3

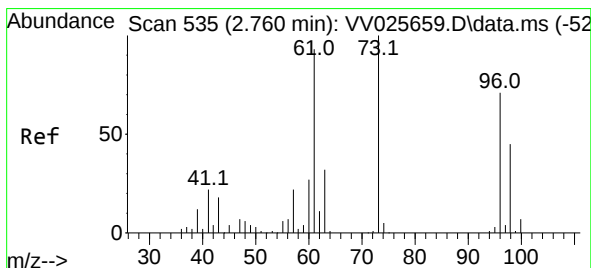
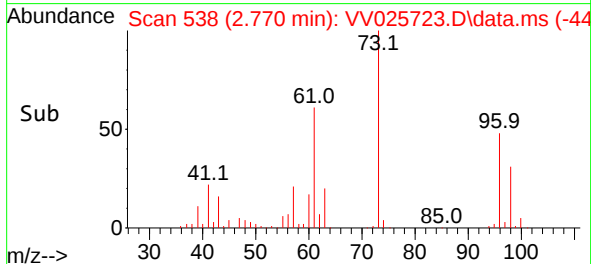
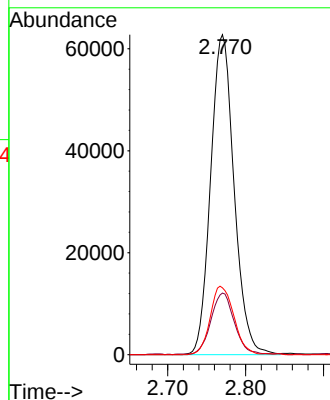
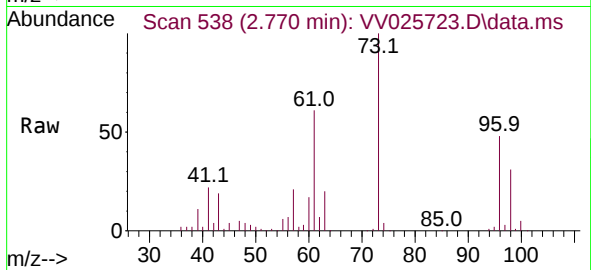




#17
Methyl tert-butyl Ether
Concen: 4.534 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV025723.D
Acq: 26 Apr 2022 10:54

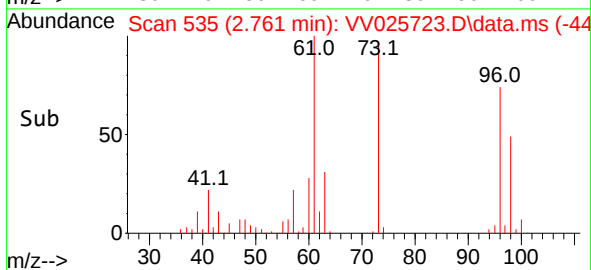
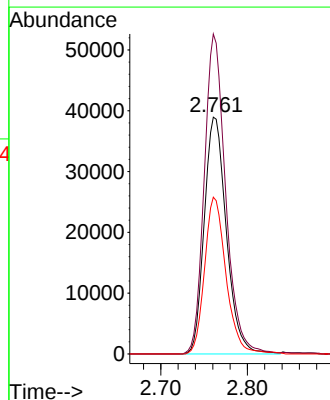
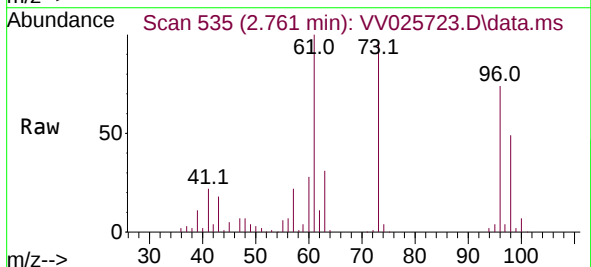
Instrument :
MSVOA_V
ClientSampleId :
VSTD005394

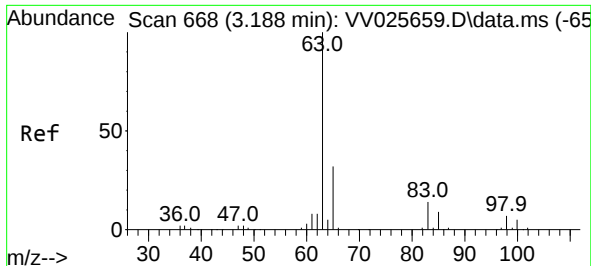
Tgt Ion: 73 Resp: 131425
Ion Ratio Lower Upper
73 100
43 18.7 14.2 21.4
57 21.5 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 4.400 ug/L
RT: 2.761 min Scan# 535
Delta R.T. -0.000 min
Lab File: VV025723.D
Acq: 26 Apr 2022 10:54

Tgt Ion: 96 Resp: 69065
Ion Ratio Lower Upper
96 100
61 135.1 92.1 171.1
98 66.2 47.5 88.1





#19

1,1-Dichloroethane

Concen: 4.997 ug/L

RT: 3.188 min Scan# 668

Delta R.T. -0.003 min

Lab File: VV025723.D

Acq: 26 Apr 2022 10:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD005394

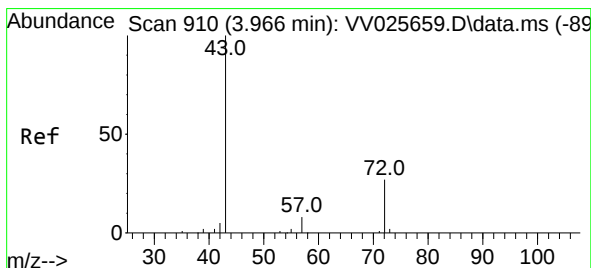
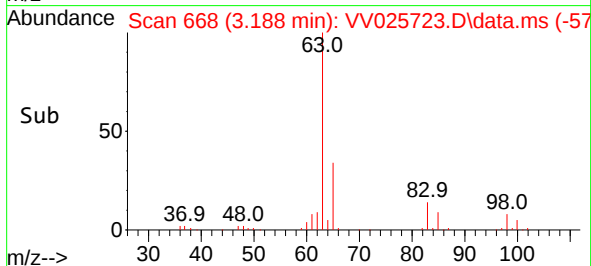
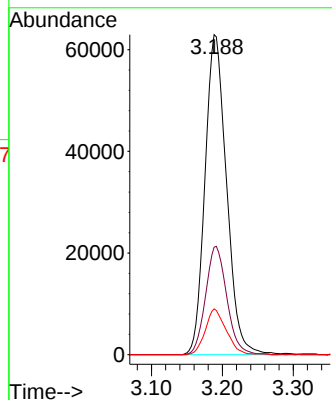
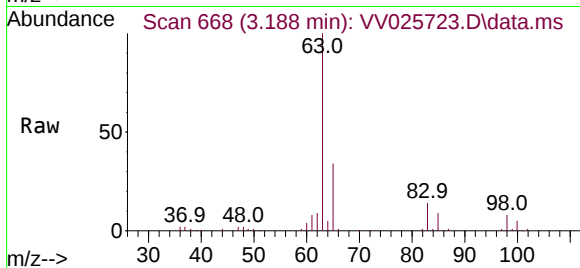
Tgt Ion: 63 Resp: 132865

Ion Ratio Lower Upper

63 100

65 33.6 23.2 43.0

83 14.3 9.0 16.8



#21

2-Butanone

Concen: 53.985 ug/L

RT: 3.970 min Scan# 911

Delta R.T. -0.003 min

Lab File: VV025723.D

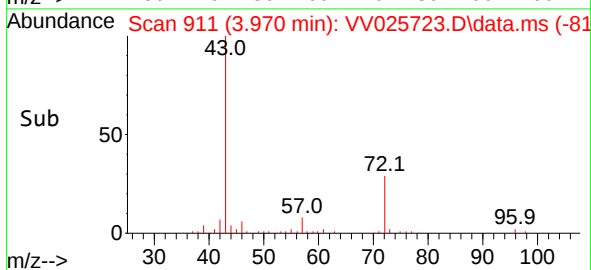
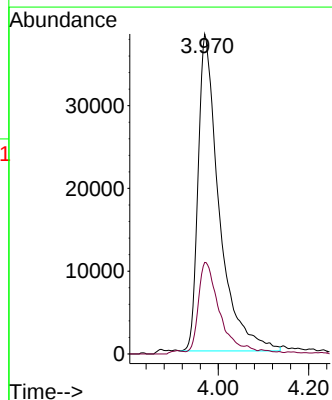
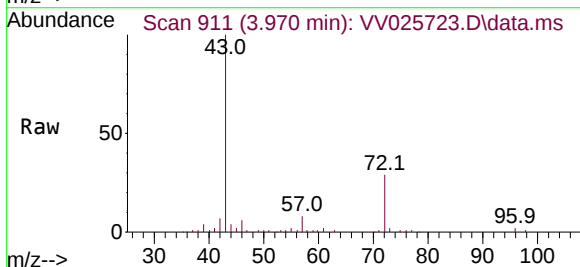
Acq: 26 Apr 2022 10:54

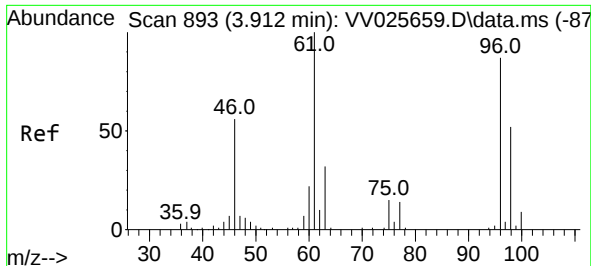
Tgt Ion: 43 Resp: 123670

Ion Ratio Lower Upper

43 100

72 26.8 15.2 45.6

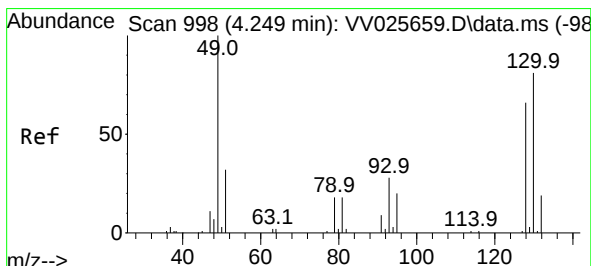
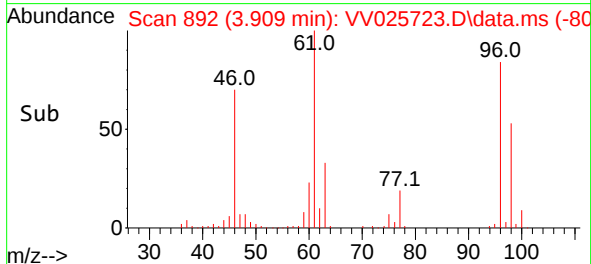
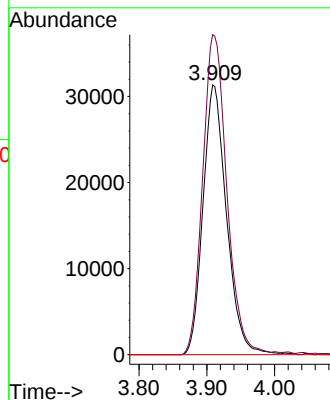
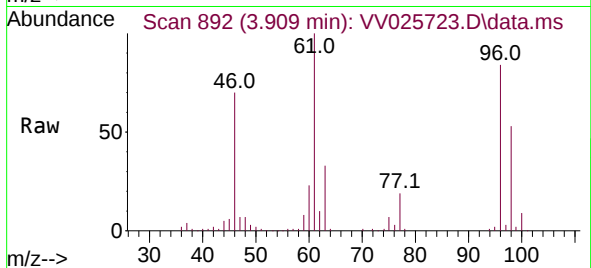




#22
 cis-1,2-Dichloroethene
 Concen: 4.574 ug/L
 RT: 3.909 min Scan# 893
 Delta R.T. -0.003 min
 Lab File: VV025723.D
 Acq: 26 Apr 2022 10:54

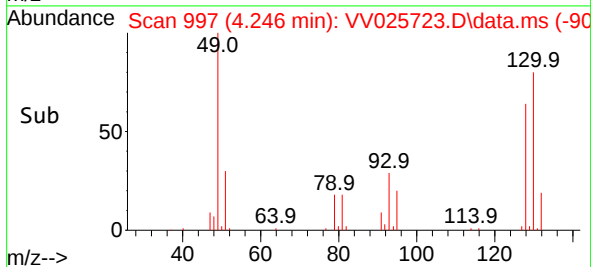
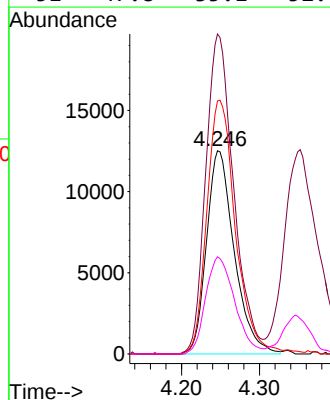
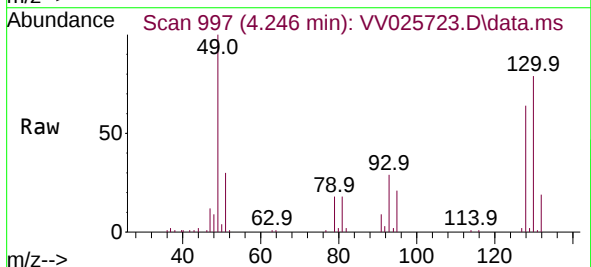
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005394

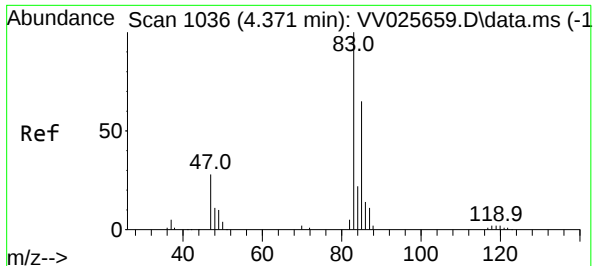
Tgt Ion: 96 Resp: 75584
 Ion Ratio Lower Upper
 96 100
 61 118.6 80.0 148.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.514 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VV025723.D
 Acq: 26 Apr 2022 10:54

Tgt Ion: 128 Resp: 30970
 Ion Ratio Lower Upper
 128 100
 49 157.4 100.5 186.7
 130 124.5 87.8 163.0
 51 47.8 35.1 52.7





#25

Chloroform

Concen: 5.095 ug/L

RT: 4.372 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV025723.D

Acq: 26 Apr 2022 10:54

Instrument :

MSVOA_V

ClientSampleId :

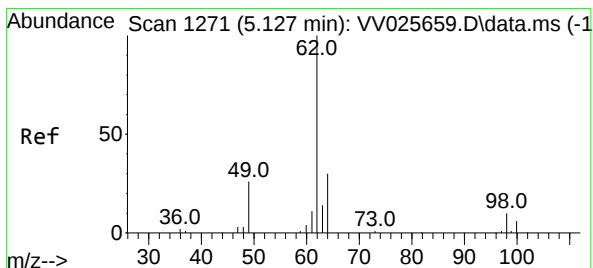
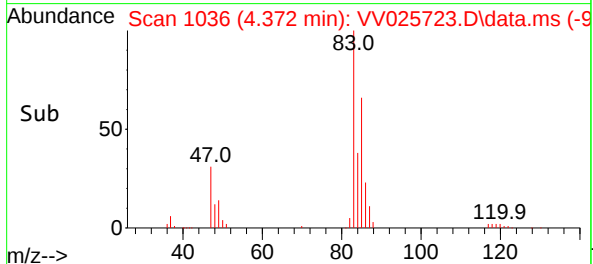
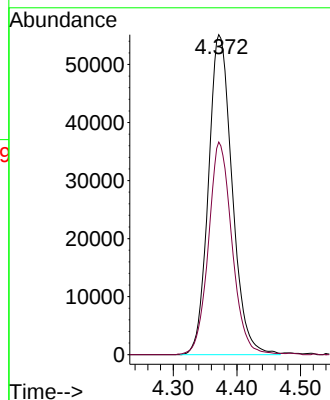
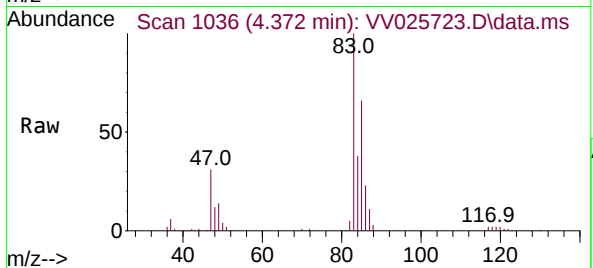
VSTD005394

Tgt Ion: 83 Resp: 142985

Ion Ratio Lower Upper

83 100

85 66.5 43.5 80.7



#27

1,2-Dichloroethane

Concen: 5.002 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV025723.D

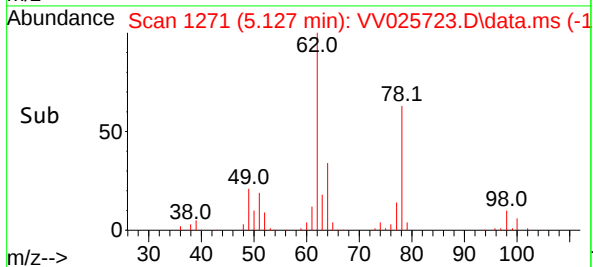
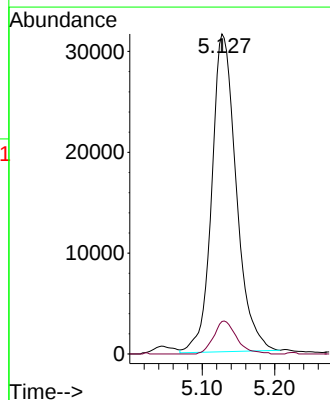
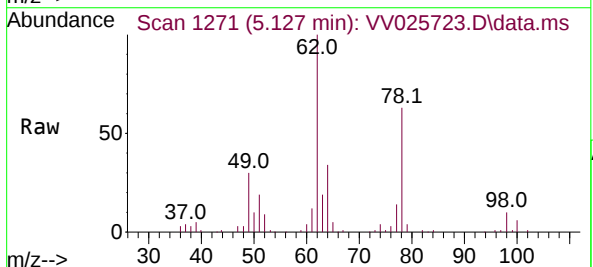
Acq: 26 Apr 2022 10:54

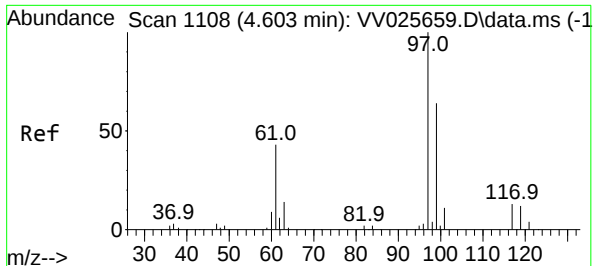
Tgt Ion: 62 Resp: 74063

Ion Ratio Lower Upper

62 100

98 10.1 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 4.992 ug/L

RT: 4.606 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VV025723.D

Acq: 26 Apr 2022 10:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD005394

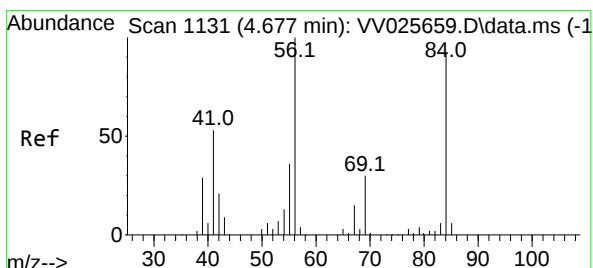
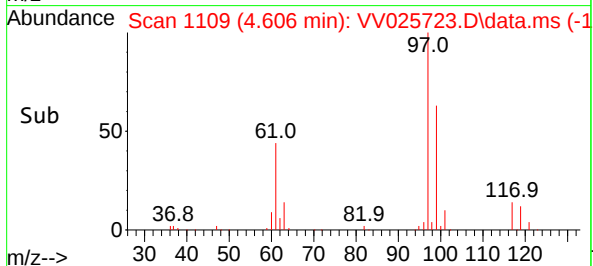
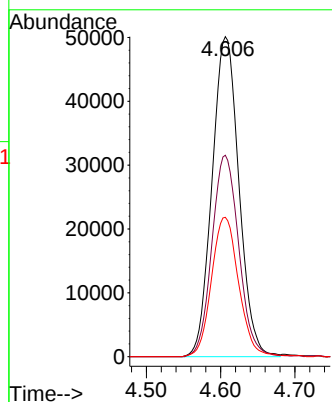
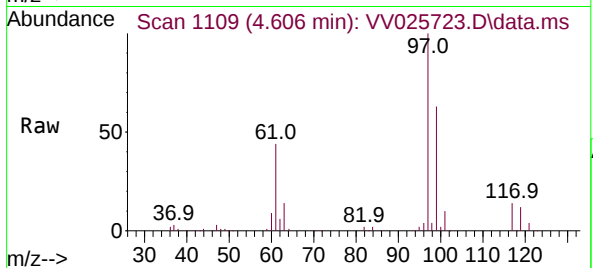
Tgt Ion: 97 Resp: 126273

Ion Ratio Lower Upper

97 100

99 63.0 51.5 77.3

61 43.9 34.3 51.5



#30

Cyclohexane

Concen: 4.143 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VV025723.D

Acq: 26 Apr 2022 10:54

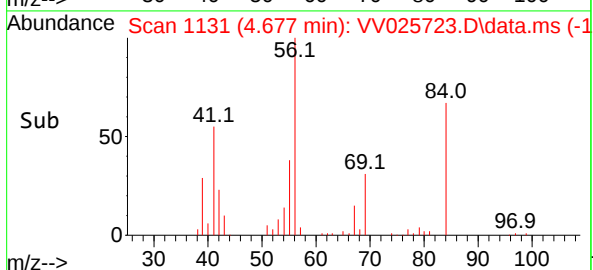
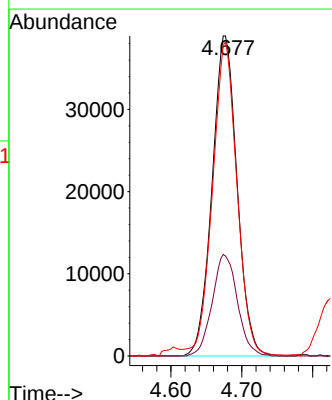
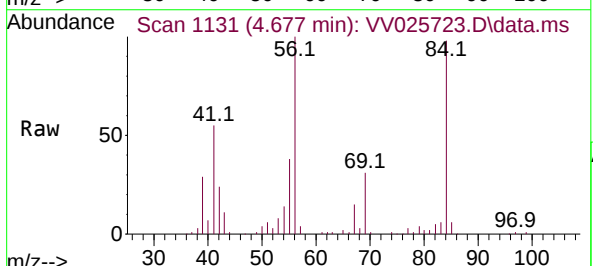
Tgt Ion: 56 Resp: 95267

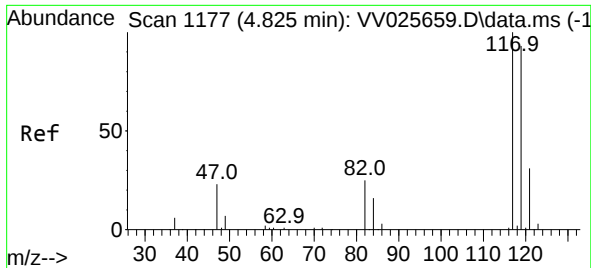
Ion Ratio Lower Upper

56 100

69 32.0 26.1 39.1

84 95.5 78.6 118.0

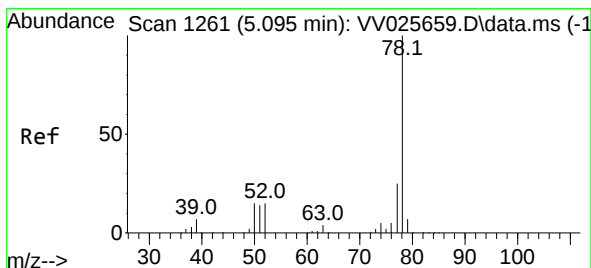
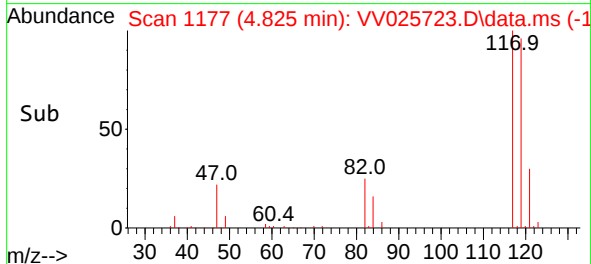
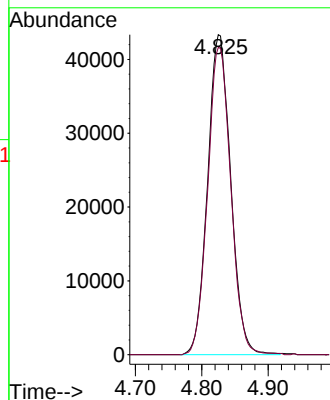
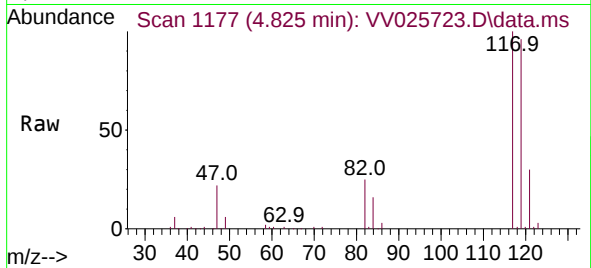




#31
Carbon tetrachloride
Concen: 4.908 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV025723.D
Acq: 26 Apr 2022 10:54

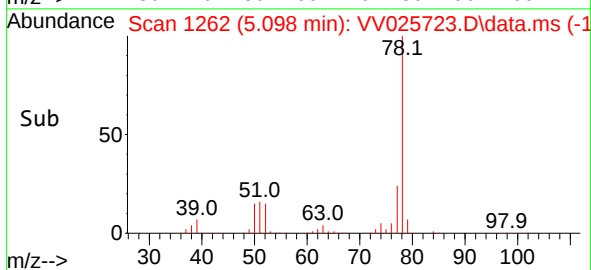
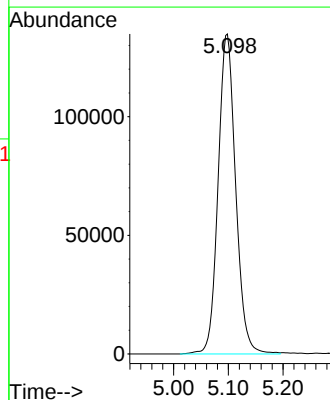
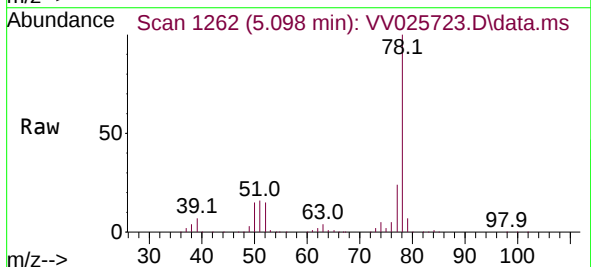
Instrument :
MSVOA_V
ClientSampleId :
VSTD005394

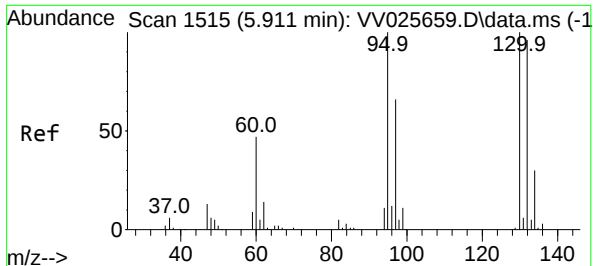
Tgt Ion:117 Resp: 104993
Ion Ratio Lower Upper
117 100
119 96.1 76.6 114.8



#33
Benzene
Concen: 4.743 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.003 min
Lab File: VV025723.D
Acq: 26 Apr 2022 10:54

Tgt Ion: 78 Resp: 300447





#34

Trichloroethene

Concen: 4.738 ug/L

RT: 5.912 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV025723.D

Acq: 26 Apr 2022 10:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD005394

Tgt Ion: 95 Resp: 79700

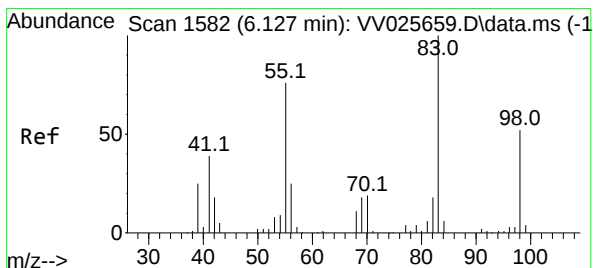
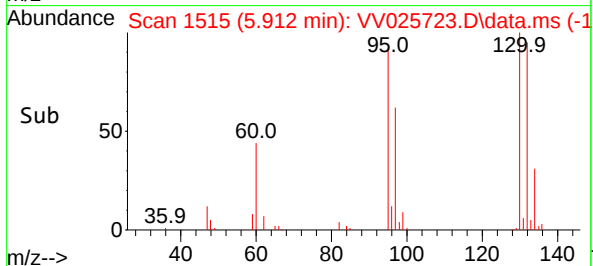
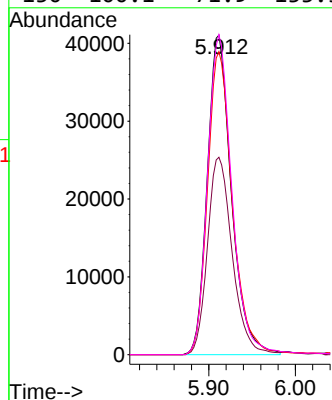
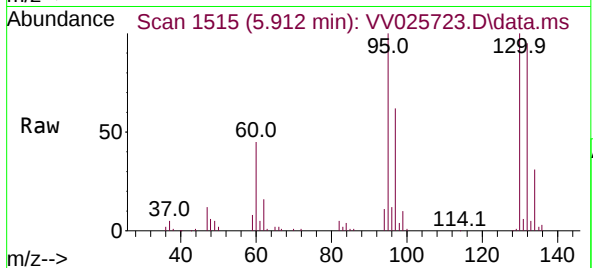
Ion Ratio Lower Upper

95 100

97 61.8 45.8 85.2

132 94.9 68.0 126.4

130 100.1 71.9 133.5



#35

Methylcyclohexane

Concen: 4.210 ug/L

RT: 6.127 min Scan# 1582

Delta R.T. -0.000 min

Lab File: VV025723.D

Acq: 26 Apr 2022 10:54

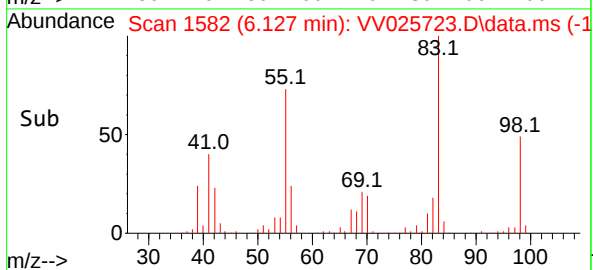
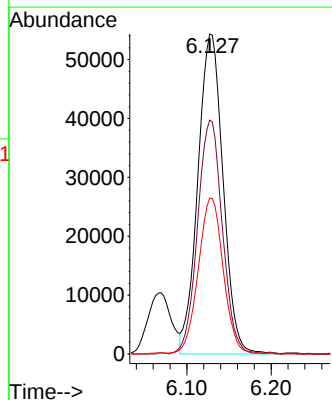
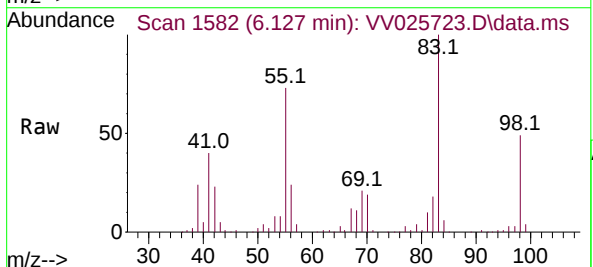
Tgt Ion: 83 Resp: 112988

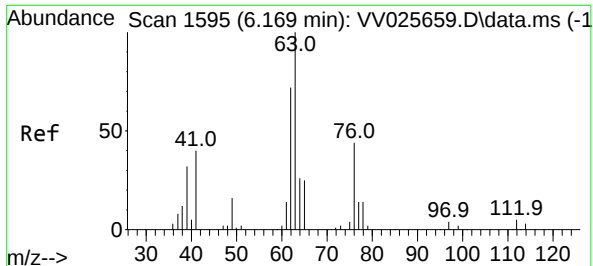
Ion Ratio Lower Upper

83 100

55 71.9 53.7 80.5

98 47.6 39.6 59.4





#37

1,2-Dichloropropane

Concen: 5.042 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025723.D

Acq: 26 Apr 2022 10:54

Instrument :

MSVOA_V

ClientSampleId :

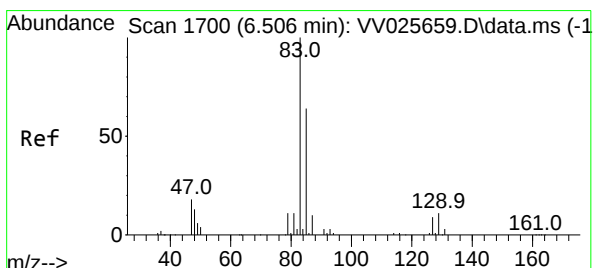
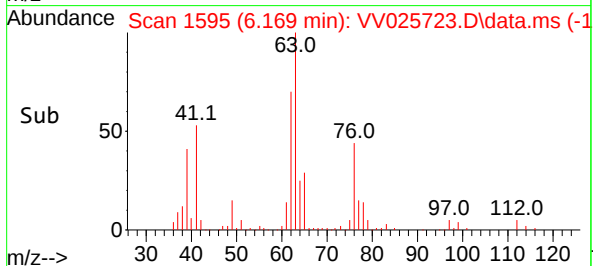
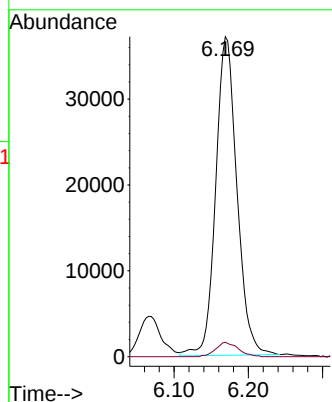
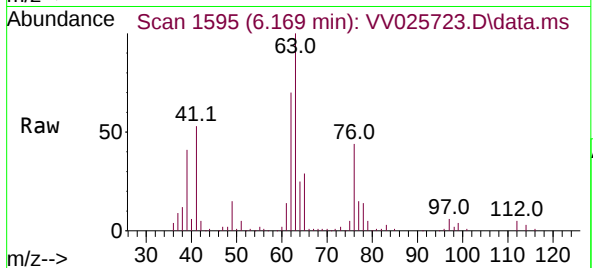
VSTD005394

Tgt Ion: 63 Resp: 73890

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 5.187 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV025723.D

Acq: 26 Apr 2022 10:54

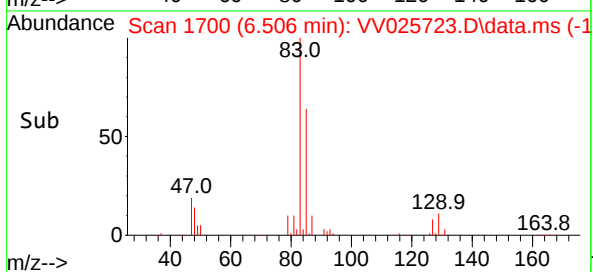
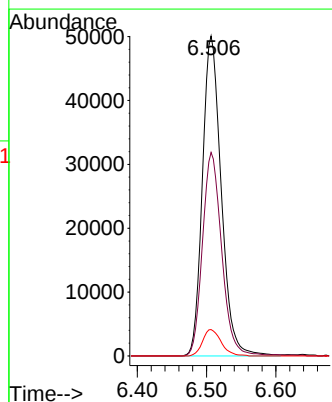
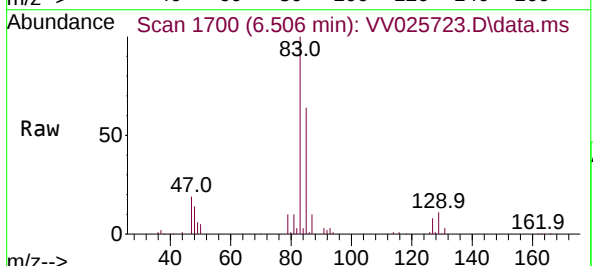
Tgt Ion: 83 Resp: 94363

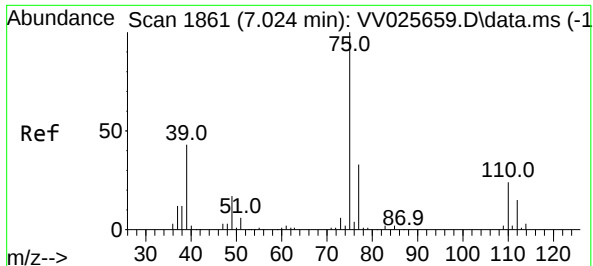
Ion Ratio Lower Upper

83 100

85 63.6 44.4 82.4

127 8.2 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.914 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV025723.D

Acq: 26 Apr 2022 10:54

Instrument :

MSVOA_V

ClientSampleId :

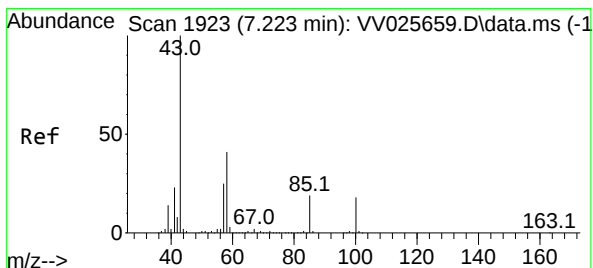
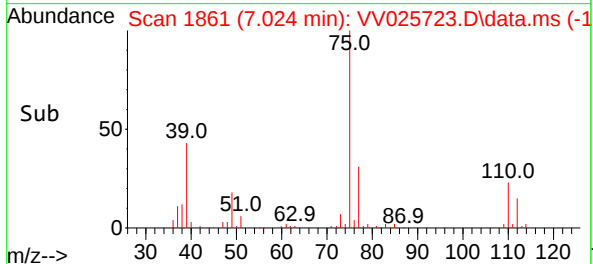
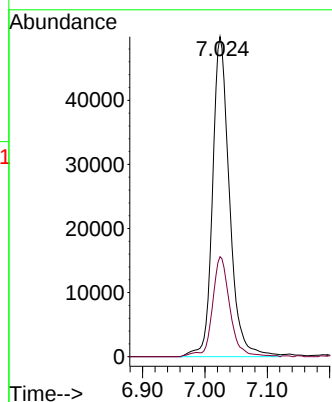
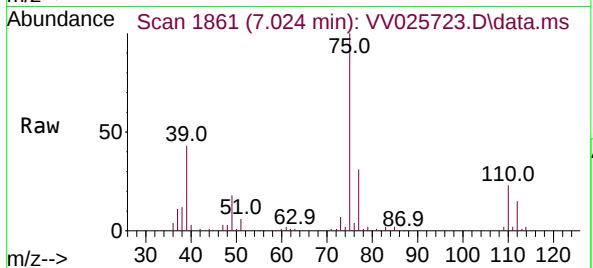
VSTD005394

Tgt Ion: 75 Resp: 94373

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 54.471 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV025723.D

Acq: 26 Apr 2022 10:54

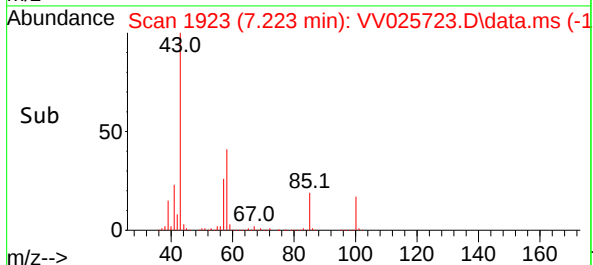
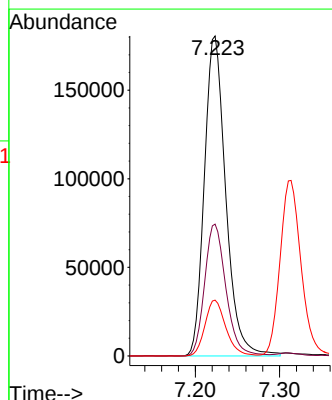
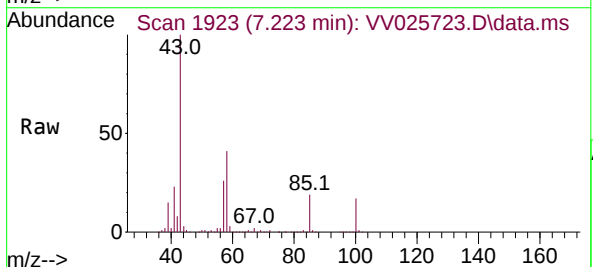
Tgt Ion: 43 Resp: 319634

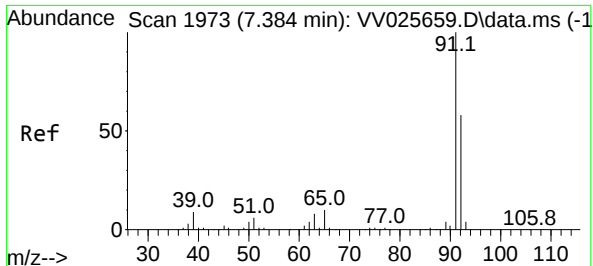
Ion Ratio Lower Upper

43 100

58 41.1 35.1 52.7

100 17.0 15.3 22.9

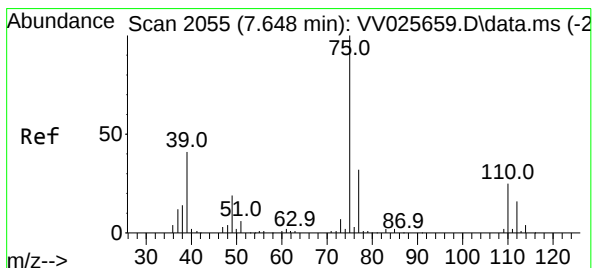
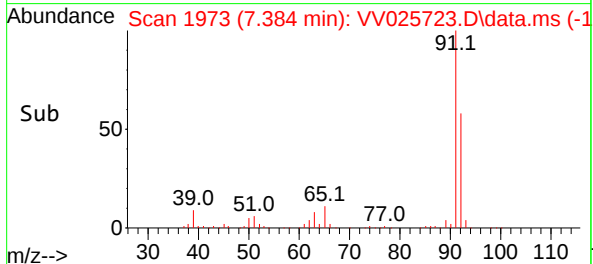
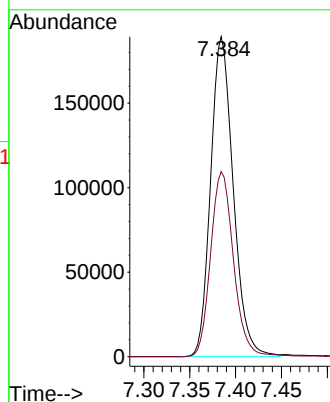
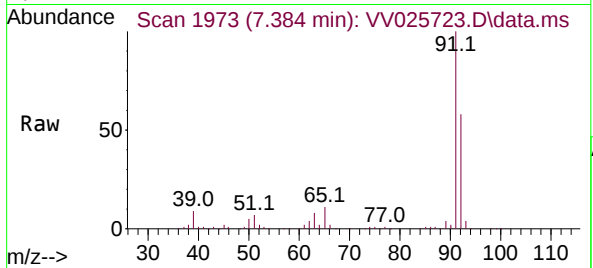




#42
Toluene
Concen: 4.718 ug/L
RT: 7.384 min Scan# 1973
Delta R.T. -0.000 min
Lab File: VV025723.D
Acq: 26 Apr 2022 10:54

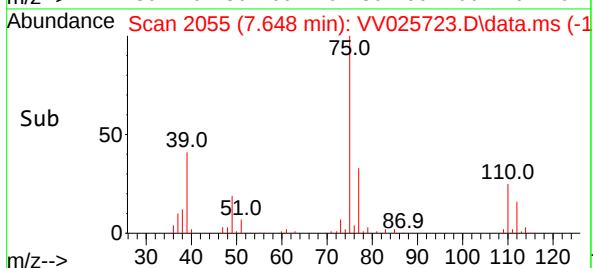
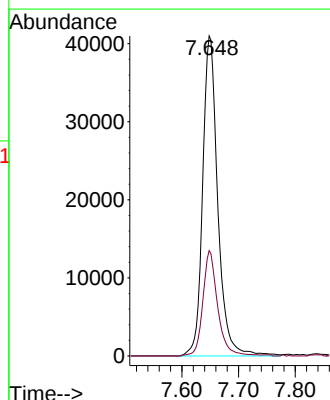
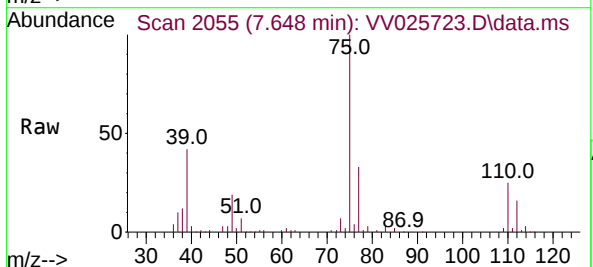
Instrument :
MSVOA_V
ClientSampleId :
VSTD005394

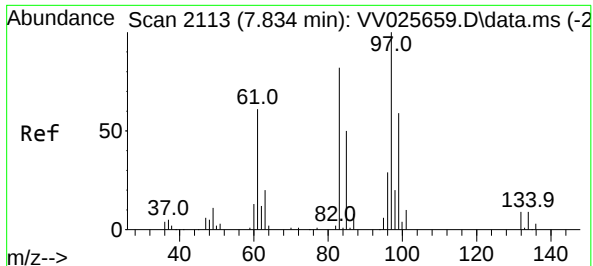
Tgt Ion: 91 Resp: 325149
Ion Ratio Lower Upper
91 100
92 57.8 40.8 75.8



#44
trans-1,3-Dichloropropene
Concen: 5.100 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.000 min
Lab File: VV025723.D
Acq: 26 Apr 2022 10:54

Tgt Ion: 75 Resp: 76103
Ion Ratio Lower Upper
75 100
77 32.9 21.7 40.3

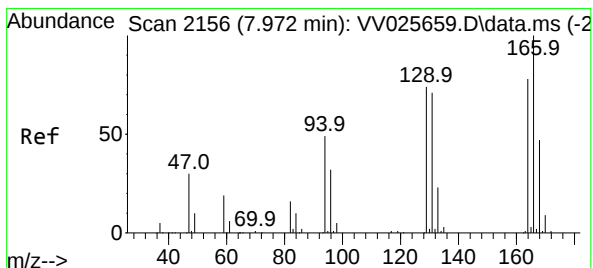
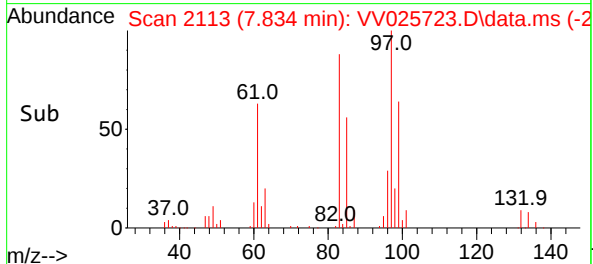
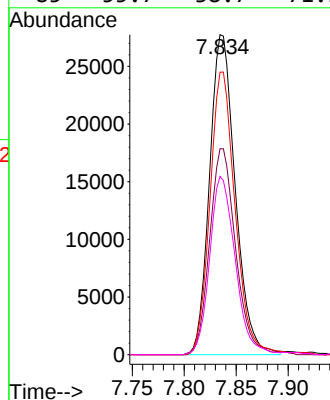
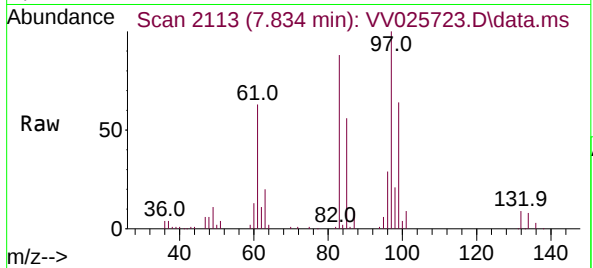




#45
1,1,2-Trichloroethane
Concen: 4.857 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV025723.D
Acq: 26 Apr 2022 10:54

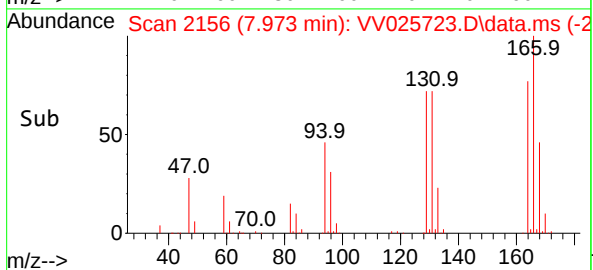
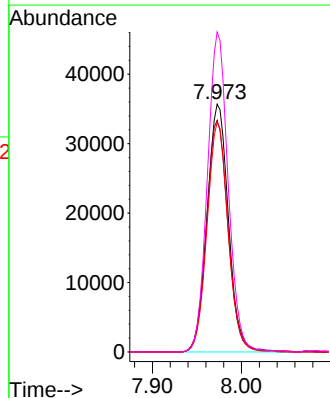
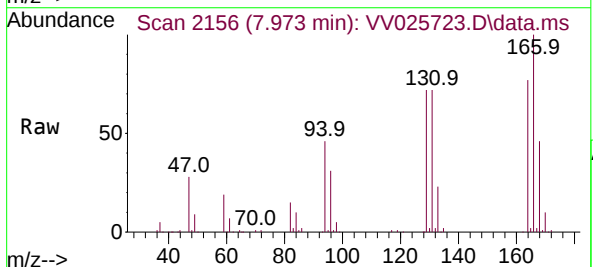
Instrument :
MSVOA_V
ClientSampleId :
VSTD005394

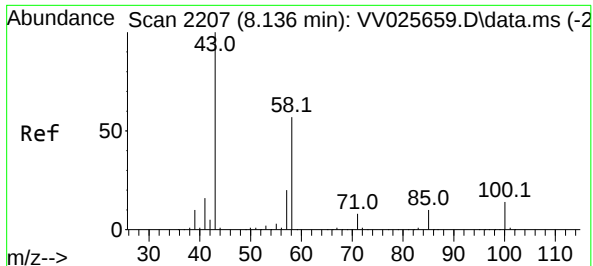
Tgt Ion:	97	Resp:	47668
Ion	Ratio	Lower	Upper
97	100		
99	64.3	43.8	81.4
83	88.3	60.3	112.1
85	55.7	38.7	71.9



#47
Tetrachloroethene
Concen: 4.526 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV025723.D
Acq: 26 Apr 2022 10:54

Tgt Ion:	164	Resp:	59604
Ion	Ratio	Lower	Upper
164	100		
129	93.5	66.8	124.2
131	92.8	66.4	123.4
166	129.1	91.7	170.3



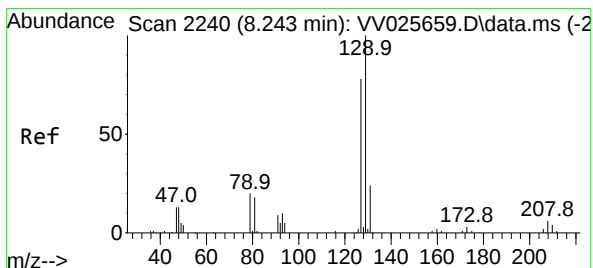
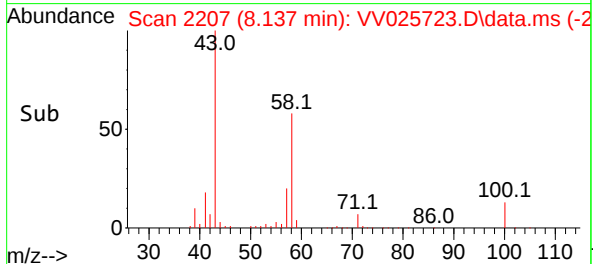
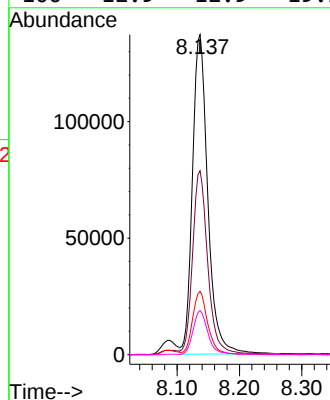
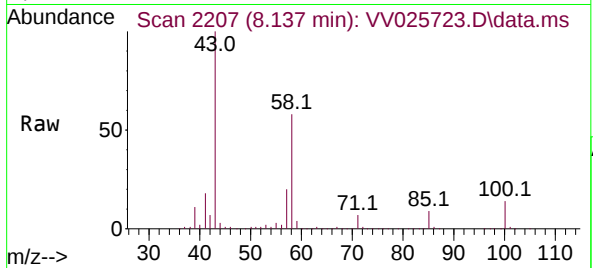


#48
2-Hexanone
Concen: 57.264 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025723.D
Acq: 26 Apr 2022 10:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD005394

Tgt Ion: 43 Resp: 234175

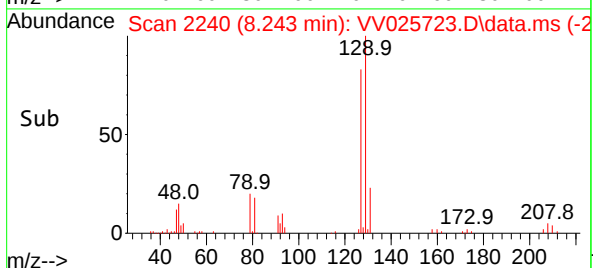
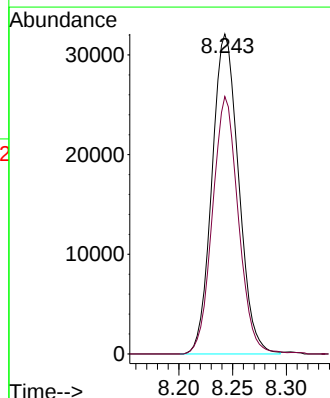
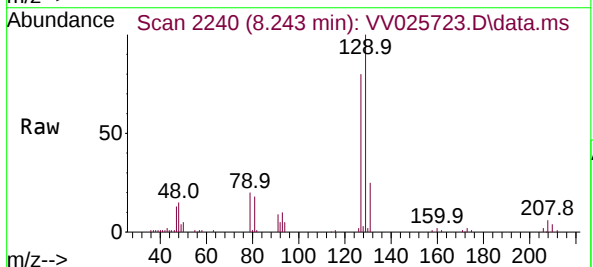
Ion	Ratio	Lower	Upper
43	100		
58	57.1	49.7	74.5
57	19.2	16.4	24.6
100	12.9	12.9	19.3

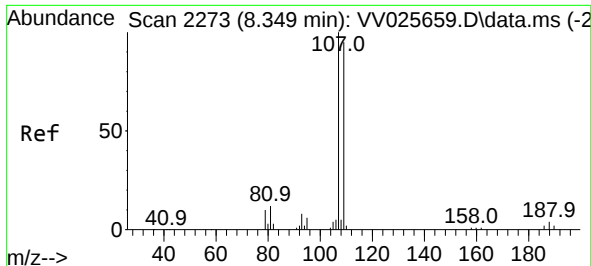


#49
Dibromochloromethane
Concen: 5.139 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV025723.D
Acq: 26 Apr 2022 10:54

Tgt Ion: 129 Resp: 55372

Ion	Ratio	Lower	Upper
129	100		
127	80.4	53.8	100.0





#50

1,2-Dibromoethane

Concen: 4.465 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV025723.D

Acq: 26 Apr 2022 10:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD005394

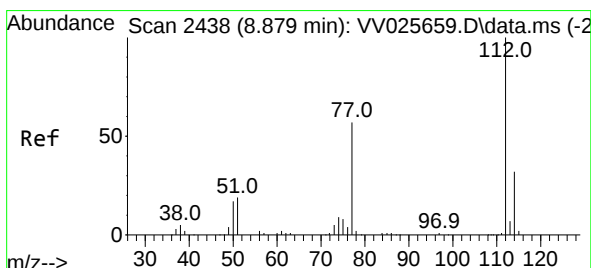
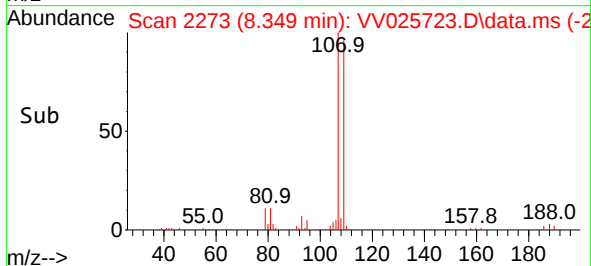
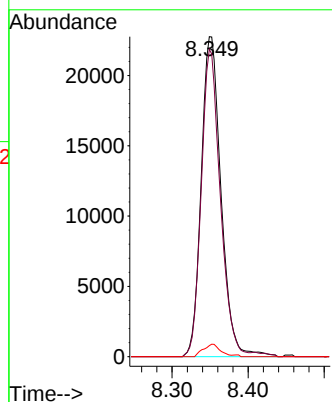
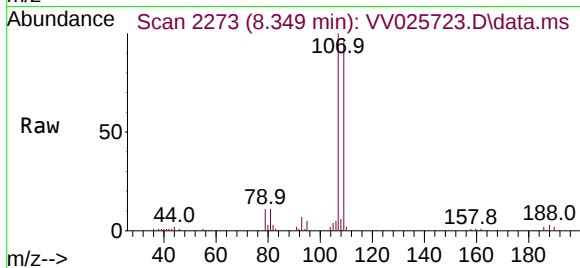
Tgt Ion:107 Resp: 41159

Ion Ratio Lower Upper

107 100

109 96.1 65.9 122.3

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 4.707 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.003 min

Lab File: VV025723.D

Acq: 26 Apr 2022 10:54

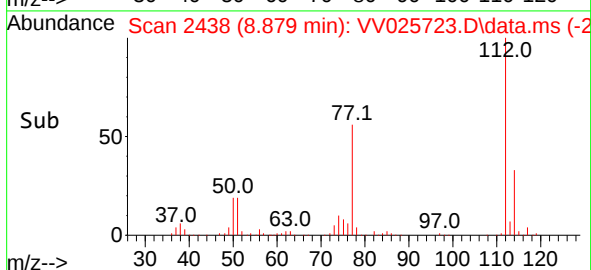
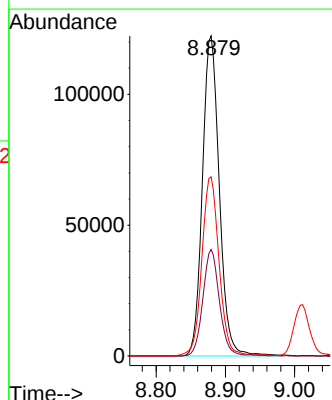
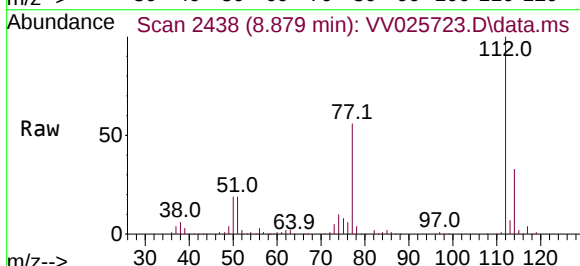
Tgt Ion:112 Resp: 207129

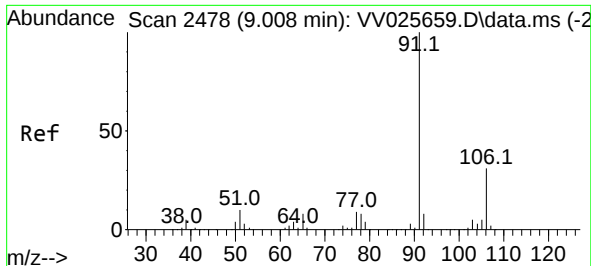
Ion Ratio Lower Upper

112 100

114 33.3 22.4 41.6

77 56.0 43.7 65.5

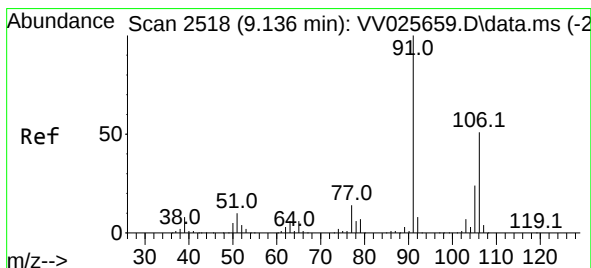
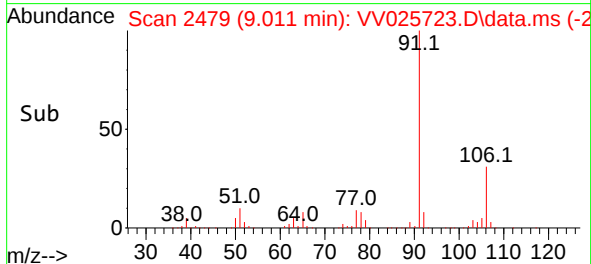
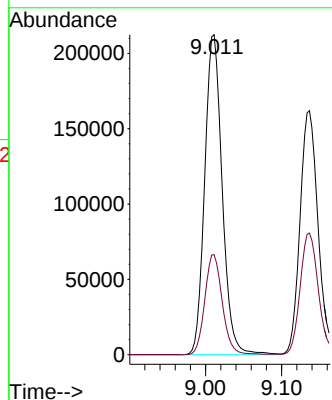
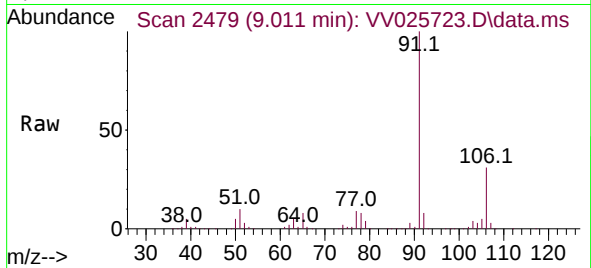




#52
Ethylbenzene
Concen: 4.619 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025723.D
Acq: 26 Apr 2022 10:54

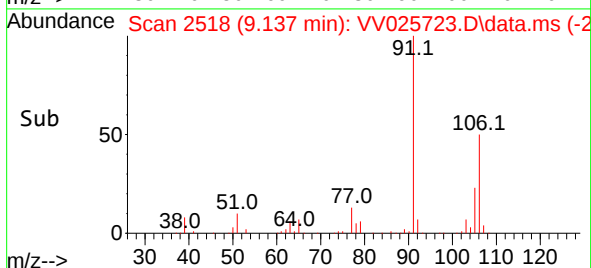
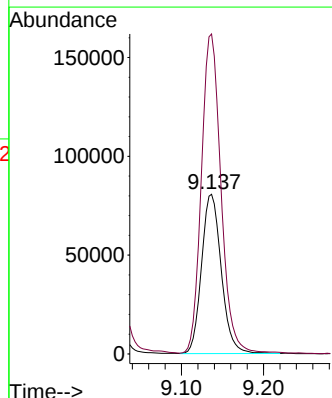
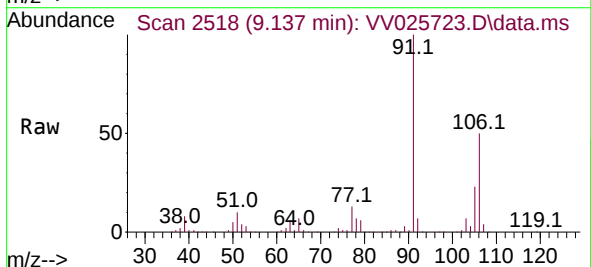
Instrument :
MSVOA_V
ClientSampleId :
VSTD005394

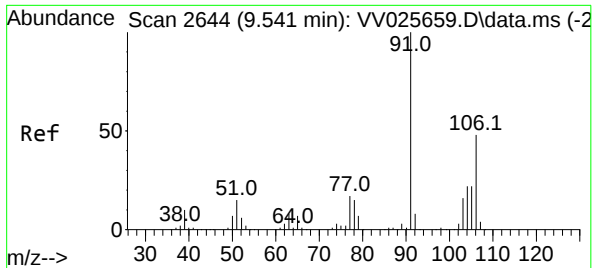
Tgt Ion: 91 Resp: 339485
Ion Ratio Lower Upper
91 100
106 31.3 22.3 41.3



#53
m,p-Xylene
Concen: 4.815 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV025723.D
Acq: 26 Apr 2022 10:54

Tgt Ion: 106 Resp: 134543
Ion Ratio Lower Upper
106 100
91 200.5 136.4 253.4

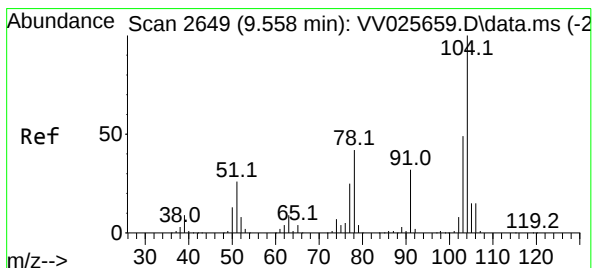
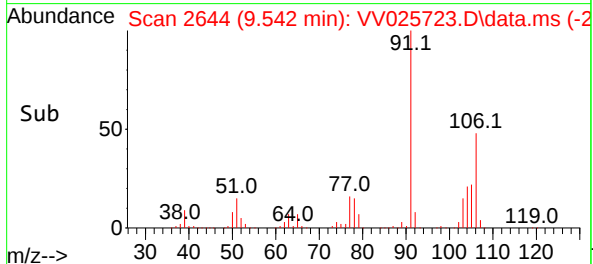
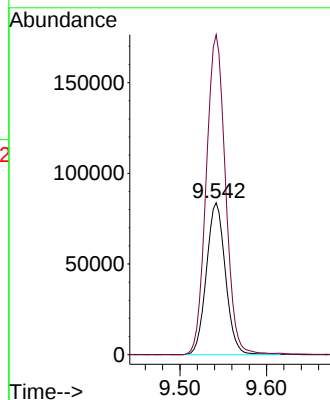
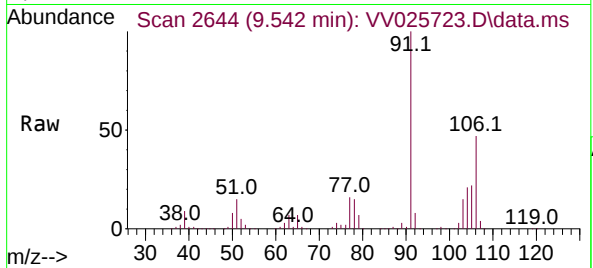




#54
o-Xylene
Concen: 4.710 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025723.D
Acq: 26 Apr 2022 10:54

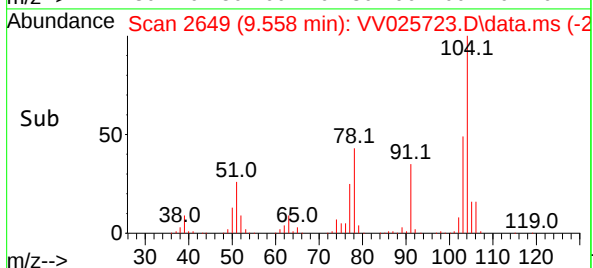
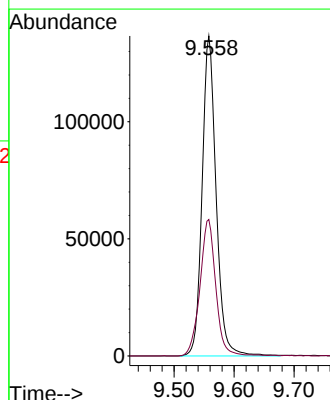
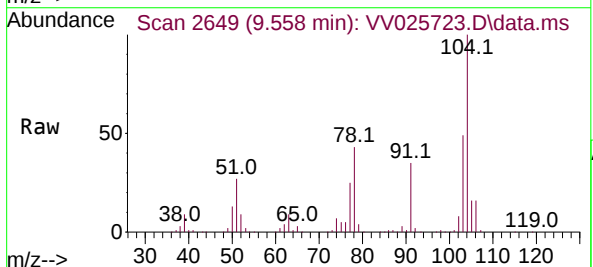
Instrument :
MSVOA_V
ClientSampleId :
VSTD005394

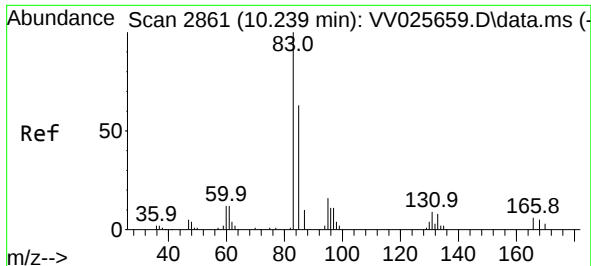
Tgt Ion:106 Resp: 127826
Ion Ratio Lower Upper
106 100
91 210.8 150.4 279.2



#55
Styrene
Concen: 5.039 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV025723.D
Acq: 26 Apr 2022 10:54

Tgt Ion:104 Resp: 222402
Ion Ratio Lower Upper
104 100
78 42.7 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 4.562 ug/L

RT: 10.236 min Scan# 2861

Delta R.T. -0.003 min

Lab File: VV025723.D

Acq: 26 Apr 2022 10:54

Instrument :

MSVOA_V

ClientSampleId :

VSTD005394

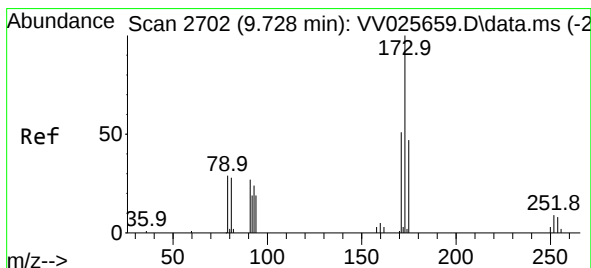
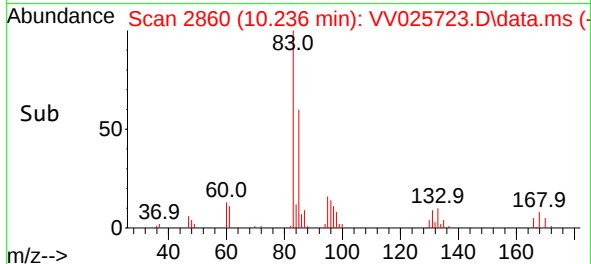
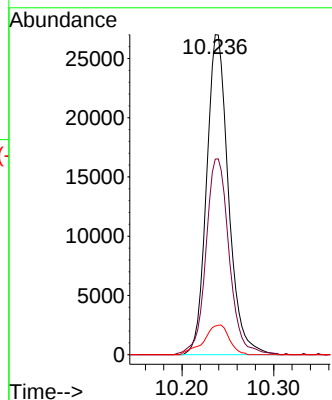
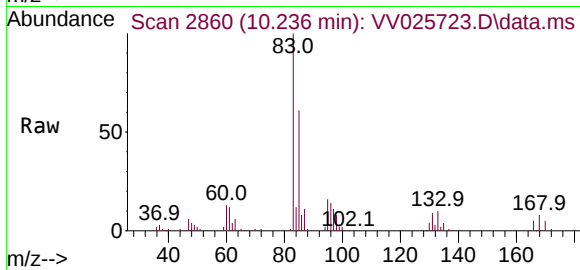
Tgt Ion: 83 Resp: 44732

Ion Ratio Lower Upper

83 100

85 61.1 45.1 83.9

131 8.9 7.9 11.9



#59

Bromoform

Concen: 5.005 ug/L

RT: 9.728 min Scan# 2702

Delta R.T. -0.000 min

Lab File: VV025723.D

Acq: 26 Apr 2022 10:54

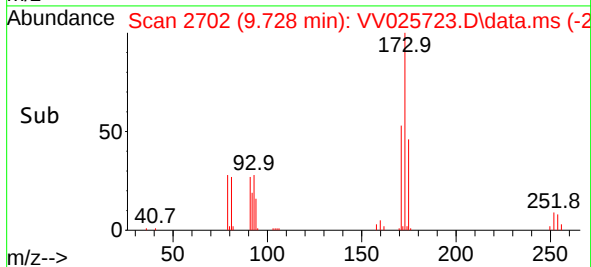
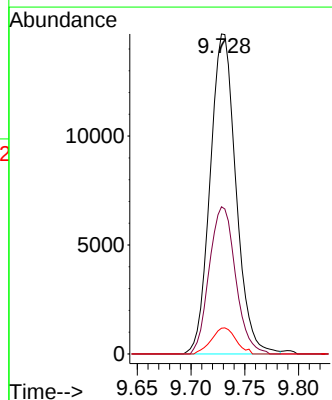
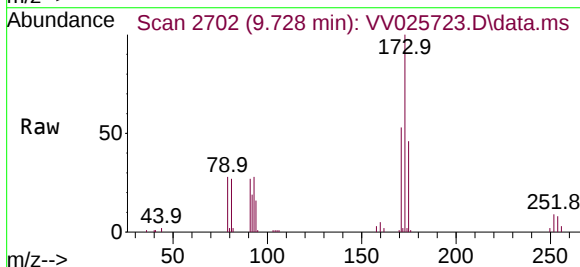
Tgt Ion: 173 Resp: 24500

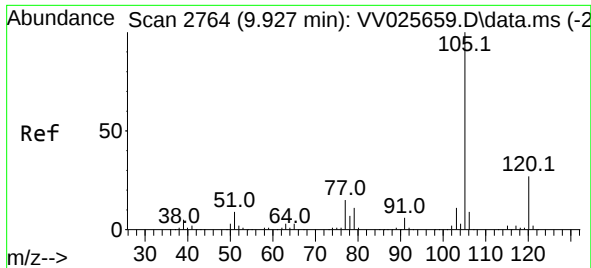
Ion Ratio Lower Upper

173 100

175 46.8 40.8 61.2

254 7.7 7.0 10.6

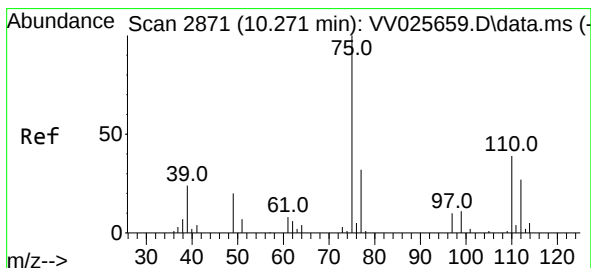
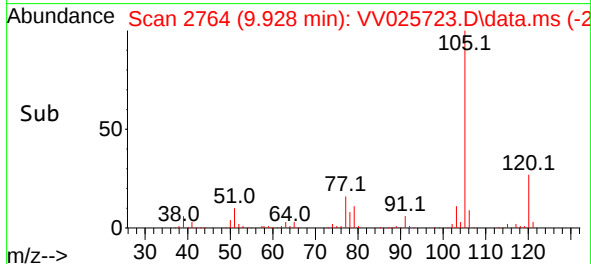
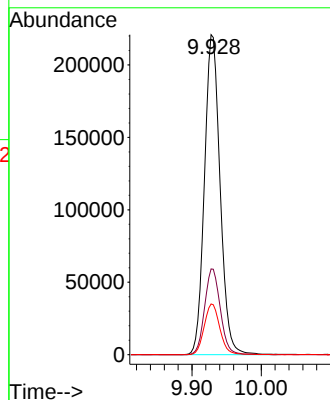
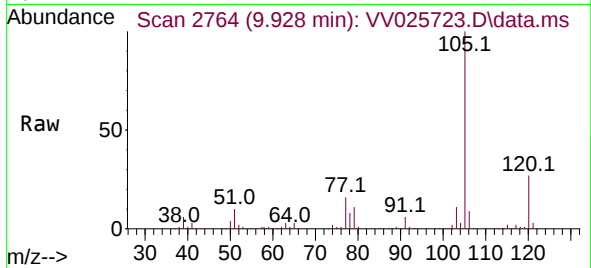




#60
Isopropylbenzene
Concen: 4.715 ug/L
RT: 9.928 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025723.D
Acq: 26 Apr 2022 10:54

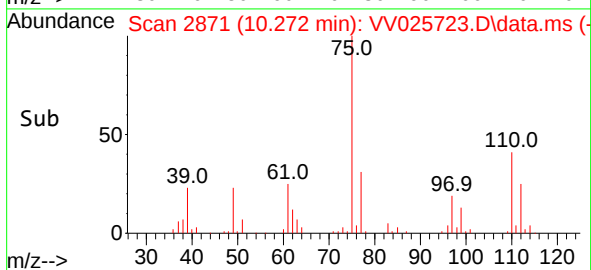
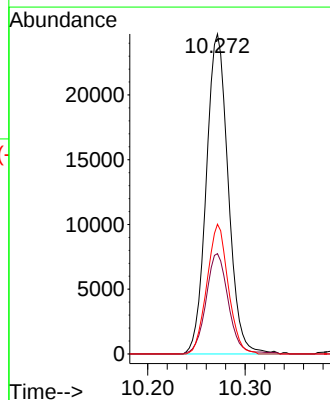
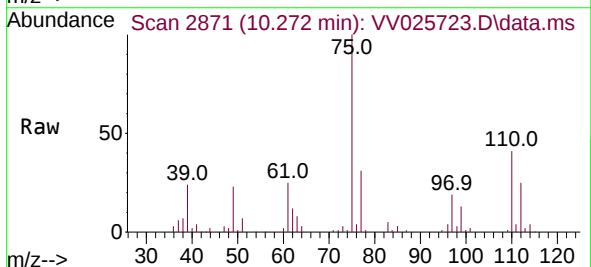
Instrument :
MSVOA_V
ClientSampleId :
VSTD005394

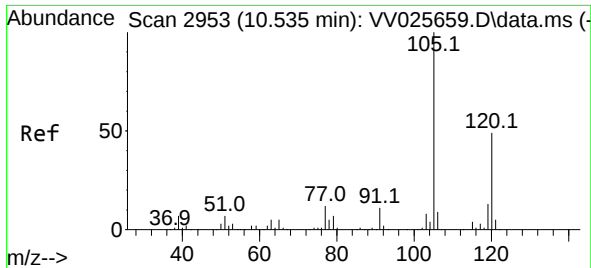
Tgt Ion:105 Resp: 346122
Ion Ratio Lower Upper
105 100
120 26.9 21.2 31.8
77 15.9 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 4.947 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VV025723.D
Acq: 26 Apr 2022 10:54

Tgt Ion: 75 Resp: 38636
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4
110 39.3 34.7 52.1

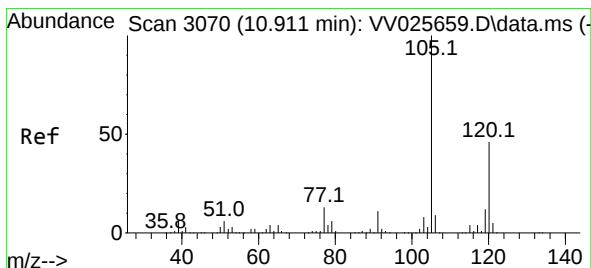
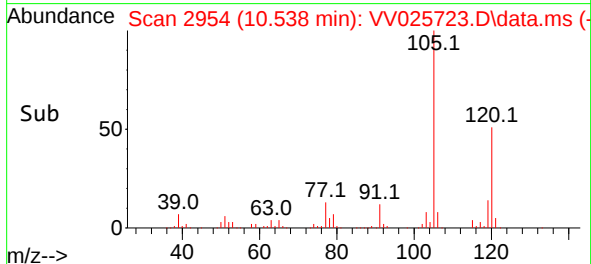
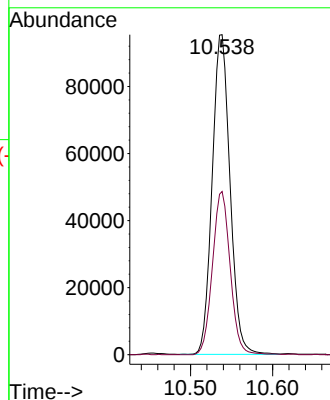
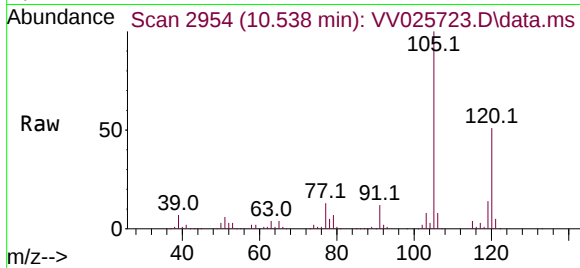




#62
 1,3,5-Trimethylbenzene
 Concen: 4.402 ug/L
 RT: 10.538 min Scan# 2953
 Delta R.T. 0.003 min
 Lab File: VV025723.D
 Acq: 26 Apr 2022 10:54

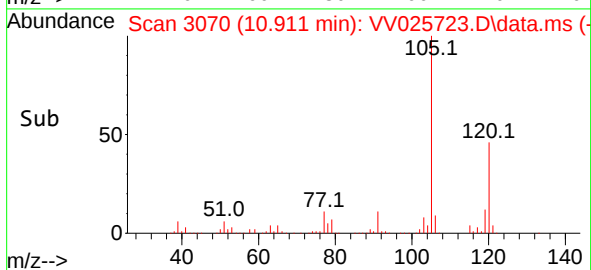
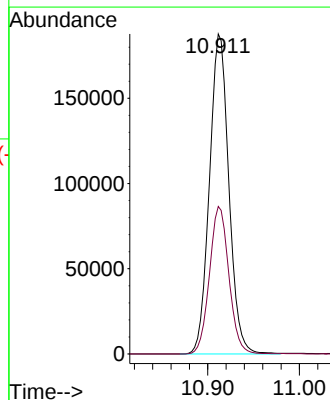
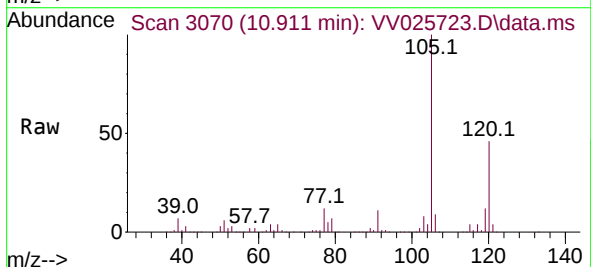
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005394

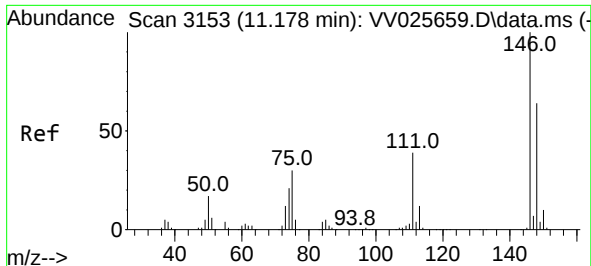
Tgt Ion:105 Resp: 144103
 Ion Ratio Lower Upper
 105 100
 120 50.7 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.682 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV025723.D
 Acq: 26 Apr 2022 10:54

Tgt Ion:105 Resp: 276127
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.6 55.0

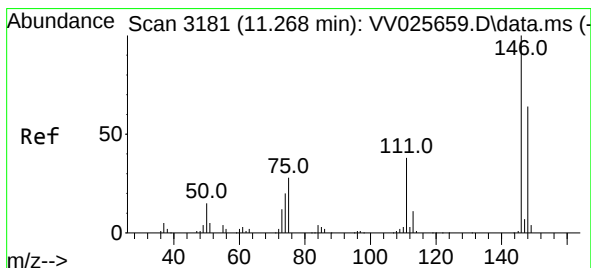
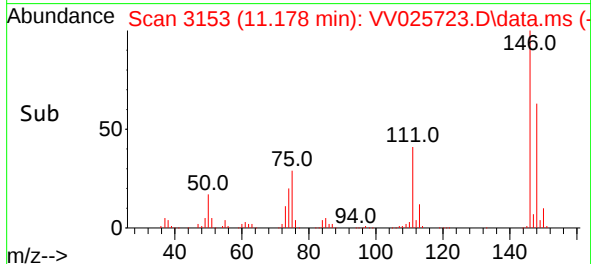
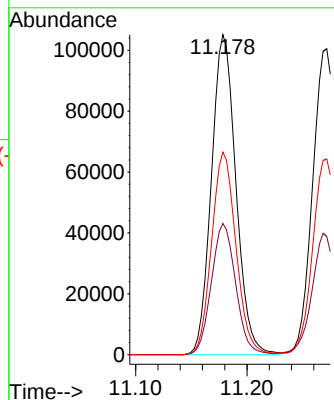
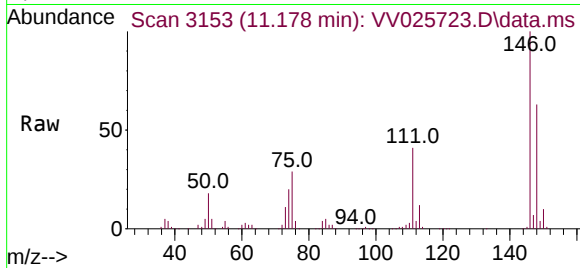




#64
 1,3-Dichlorobenzene
 Concen: 4.693 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. -0.000 min
 Lab File: VV025723.D
 Acq: 26 Apr 2022 10:54

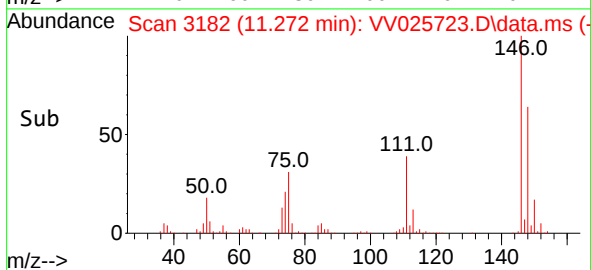
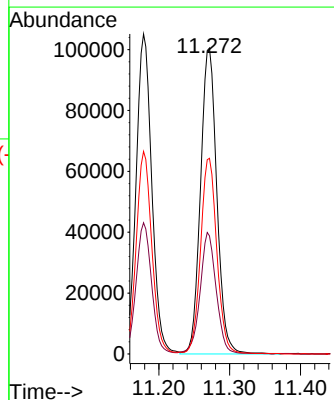
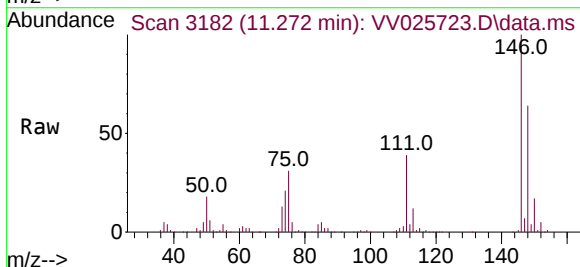
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005394

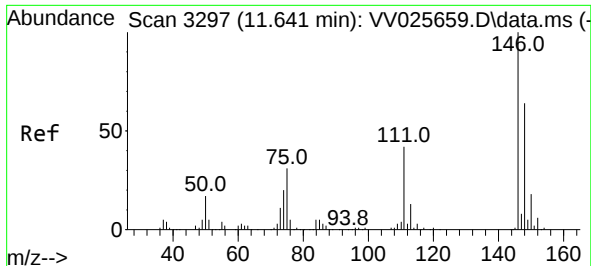
Tgt Ion:146 Resp: 160789
 Ion Ratio Lower Upper
 146 100
 111 41.0 27.4 50.8
 148 63.3 44.7 82.9



#65
 1,4-Dichlorobenzene
 Concen: 4.641 ug/L
 RT: 11.272 min Scan# 3182
 Delta R.T. 0.003 min
 Lab File: VV025723.D
 Acq: 26 Apr 2022 10:54

Tgt Ion:146 Resp: 161414
 Ion Ratio Lower Upper
 146 100
 111 38.6 26.7 49.7
 148 63.9 42.8 79.6

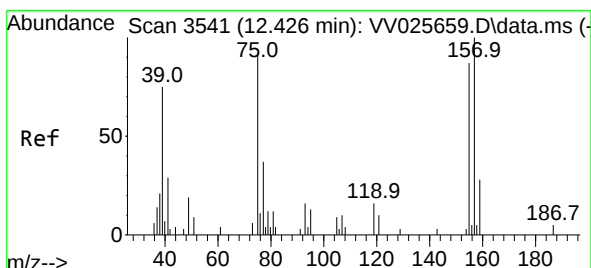
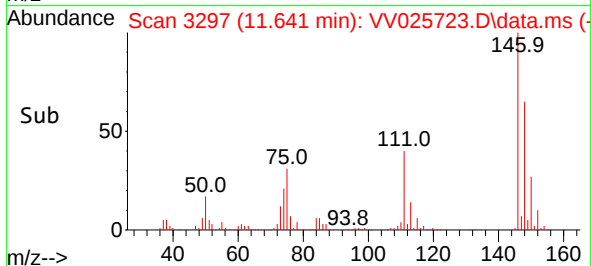
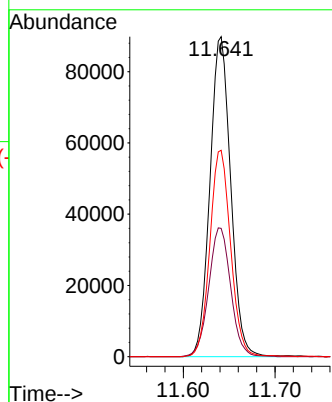
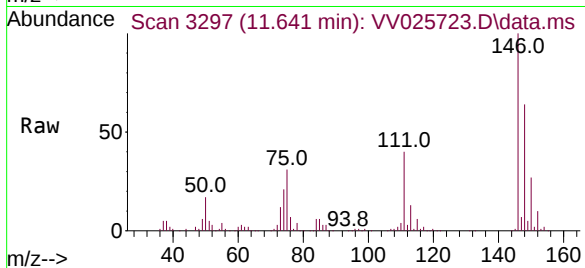




#67
1,2-Dichlorobenzene
Concen: 4.648 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV025723.D
Acq: 26 Apr 2022 10:54

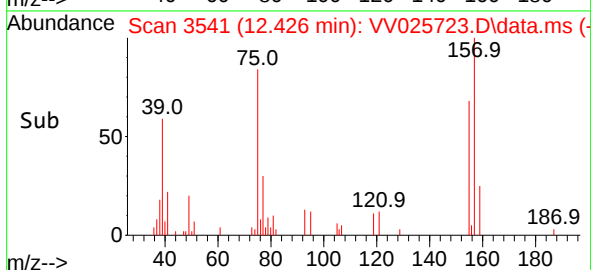
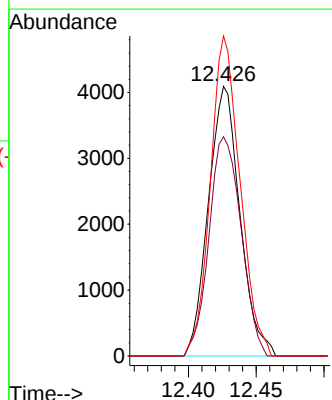
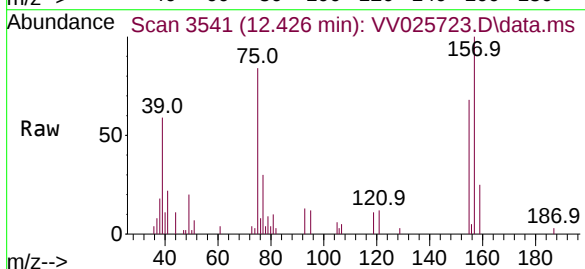
Instrument :
MSVOA_V
ClientSampleId :
VSTD005394

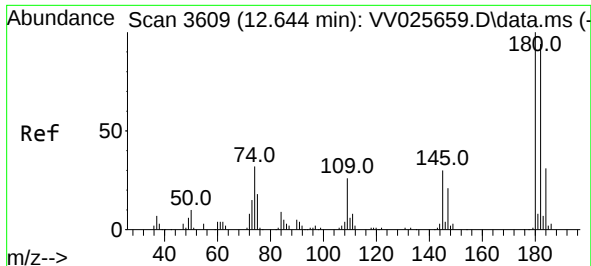
Tgt Ion:146 Resp: 141035
Ion Ratio Lower Upper
146 100
111 40.1 33.6 50.4
148 64.5 50.0 75.0



#68
1,2-Dibromo-3-chloropropane
Concen: 4.892 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV025723.D
Acq: 26 Apr 2022 10:54

Tgt Ion: 75 Resp: 6606
Ion Ratio Lower Upper
75 100
155 81.3 65.8 98.8
157 118.7 86.6 130.0

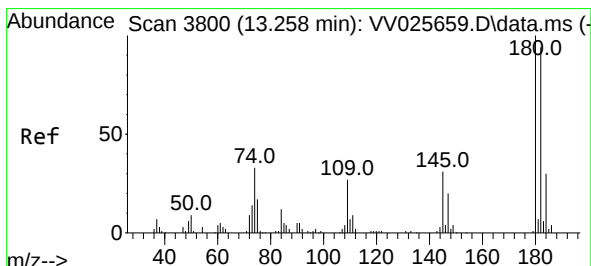
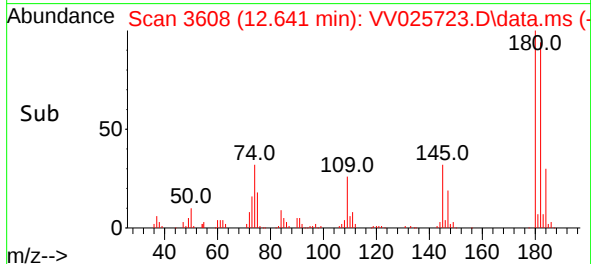
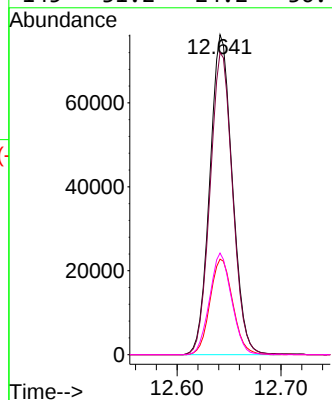
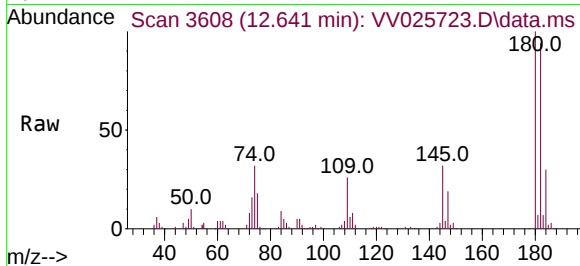




#69
 1,3,5-Trichlorobenzene
 Concen: 4.399 ug/L
 RT: 12.641 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV025723.D
 Acq: 26 Apr 2022 10:54

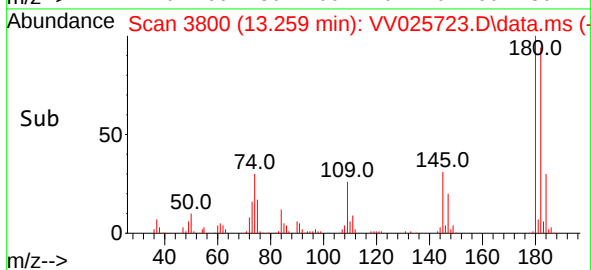
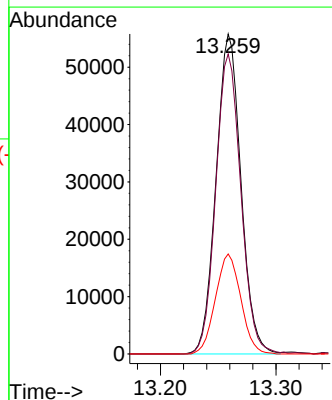
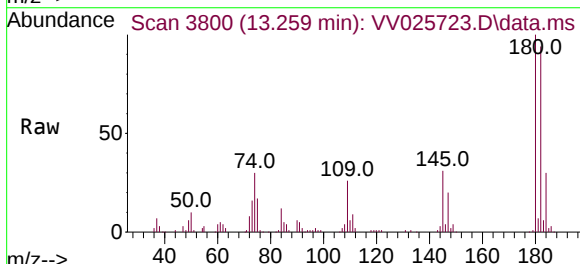
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005394

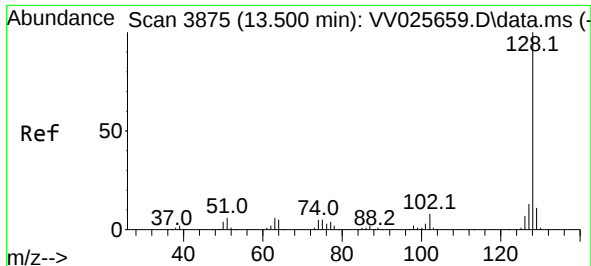
Tgt Ion:180 Resp: 114684
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.3 112.9
 184 30.2 23.4 35.2
 145 31.2 24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 4.157 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV025723.D
 Acq: 26 Apr 2022 10:54

Tgt Ion:180 Resp: 83548
 Ion Ratio Lower Upper
 180 100
 182 94.4 76.6 114.8
 145 31.8 24.6 36.8

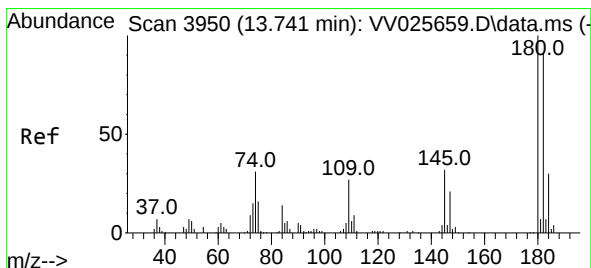
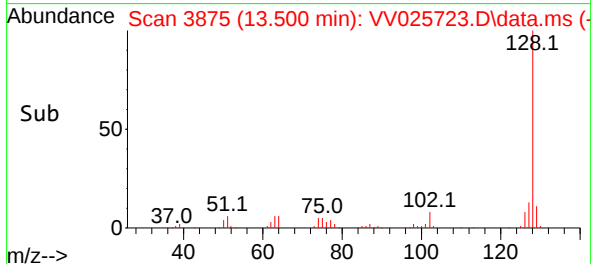
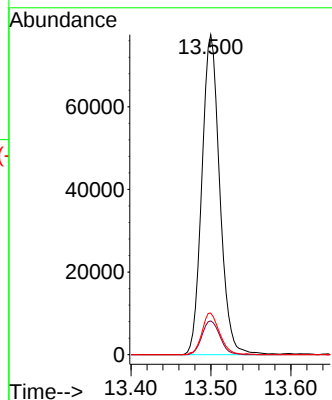
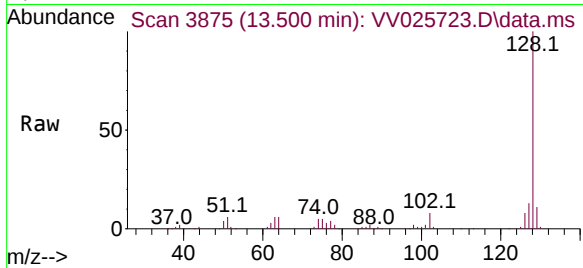




#71
Naphthalene
Concen: 4.093 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025723.D
Acq: 26 Apr 2022 10:54

Instrument :
MSVOA_V
ClientSampleId :
VSTD005394

Tgt Ion:128 Resp: 120665
Ion Ratio Lower Upper
128 100
129 10.6 8.8 13.2
127 12.8 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 4.321 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025723.D
Acq: 26 Apr 2022 10:54

Tgt Ion:180 Resp: 71902
Ion Ratio Lower Upper
180 100
182 92.5 77.7 116.5
145 32.1 27.4 41.2

