

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060922\
 Data File : VW026066.D
 Acq On : 09 Jun 2022 20:09
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005301

Quant Time: Jun 10 02:55:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 10 02:49:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	208550	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	199402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	99980	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	49900	4.076	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.600%
7) Chloroethane-d5	1.584	69	56396	4.406	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.200%
11) 1,1-Dichloroethene-d2	2.124	63	124454	4.401	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	3.915	46	118821	65.623	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.240%#
24) Chloroform-d	4.365	84	128467	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.047	65	53685	5.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.063	84	227968	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.079	67	74405	4.991	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.320	98	196224	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.629	79	21386	4.873	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.400%
46) 2-Hexanone-d5	8.092	63	106410	55.096	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.200%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	52498	5.223	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	72304	4.727	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.146	85	97480	4.749	ug/L	98
3) Chloromethane	1.256	50	118969	5.176	ug/L	100
5) Vinyl chloride	1.327	62	121718	5.072	ug/L	99
6) Bromomethane	1.539	94	67358	4.842	ug/L	99
8) Chloroethane	1.600	64	74267	5.031	ug/L	99
9) Trichlorofluoromethane	1.767	101	153768	5.026	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	80476	4.617	ug/L	99
12) 1,1-Dichloroethene	2.134	96	85199	5.078	ug/L	91
13) Acetone	2.204	43	72494	50.202	ug/L	83
14) Carbon disulfide	2.307	76	234719	4.904	ug/L	99
15) Methyl Acetate	2.458	43	19555	4.143	ug/L #	79
16) Methylene chloride	2.523	84	85444	5.112	ug/L	97
17) Methyl tert-butyl Ether	2.786	73	149980	5.507	ug/L	99
18) trans-1,2-Dichloroethene	2.777	96	79517	5.026	ug/L	97
19) 1,1-Dichloroethane	3.207	63	154193	5.359	ug/L	98
21) 2-Butanone	3.998	43	110354	58.667	ug/L	91
22) cis-1,2-Dichloroethene	3.928	96	83408	5.349	ug/L	96
23) Bromochloromethane	4.265	128	35663	5.441	ug/L	98
25) Chloroform	4.388	83	155534	5.265	ug/L	98

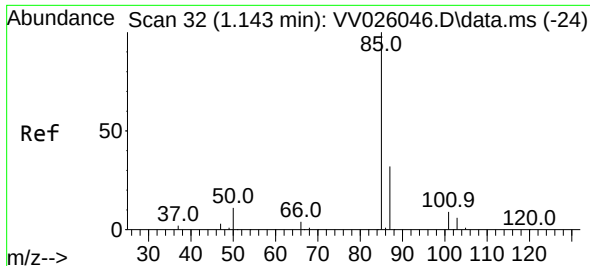
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 Data File : VW026066.D
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 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Time: Jun 10 02:55:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 10 02:49:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	77613	5.314	ug/L	99
29) 1,1,1-Trichloroethane	4.619	97	134747	5.150	ug/L	99
30) Cyclohexane	4.690	56	114007	5.010	ug/L	98
31) Carbon tetrachloride	4.838	117	110856	5.159	ug/L	96
33) Benzene	5.108	78	340295	5.430	ug/L	100
34) Trichloroethene	5.921	95	85201	5.204	ug/L	99
35) Methylcyclohexane	6.137	83	112088	4.441	ug/L	99
37) 1,2-Dichloropropane	6.178	63	83419	5.493	ug/L	100
38) Bromodichloromethane	6.516	83	100175	5.460	ug/L	98
39) cis-1,3-Dichloropropene	7.030	75	96048	5.132	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	375318	60.497	ug/L	98
42) Toluene	7.391	91	356691	5.448	ug/L	98
44) trans-1,3-Dichloropropene	7.654	75	77726	5.301	ug/L	96
45) 1,1,2-Trichloroethane	7.841	97	53232	5.398	ug/L	97
47) Tetrachloroethene	7.979	164	60347	4.762	ug/L	98
48) 2-Hexanone	8.143	43	266053	60.416	ug/L	100
49) Dibromochloromethane	8.246	129	57593	5.350	ug/L	98
50) 1,2-Dibromoethane	8.355	107	47561	5.420	ug/L	99
51) Chlorobenzene	8.883	112	220055	5.164	ug/L	98
52) Ethylbenzene	9.014	91	358509	5.224	ug/L	99
53) m,p-Xylene	9.140	106	139366	5.254	ug/L	99
54) o-Xylene	9.545	106	134614	5.338	ug/L	98
55) Styrene	9.561	104	236598	5.601	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	55568	5.263	ug/L	97
59) Bromoform	9.731	173	25035	5.338	ug/L	98
60) Isopropylbenzene	9.931	105	350814	5.280	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	43025	5.514	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	272177	5.173	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	276905	5.285	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	163636	5.184	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	161584	5.027	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	147341	5.278	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	7441	5.365	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	105381	4.610	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	83161	4.880	ug/L	99
71) Naphthalene	13.503	128	129539	5.351	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	75347	5.224	ug/L	97

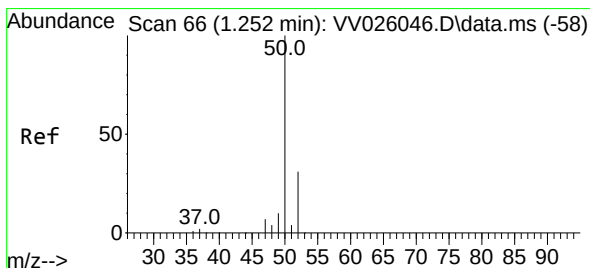
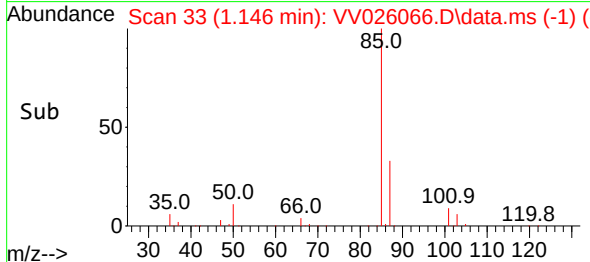
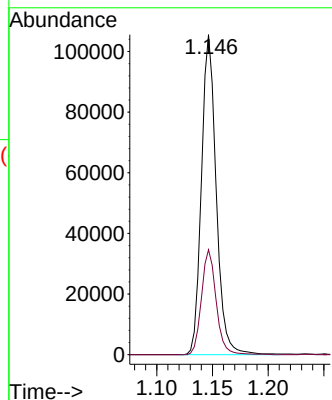
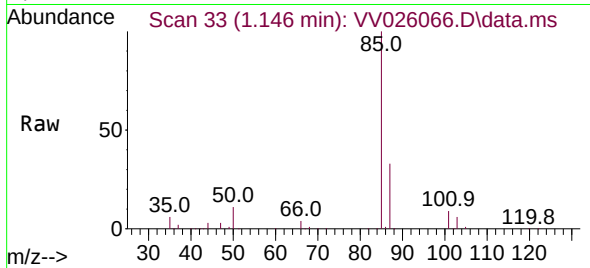
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.749 ug/L
 RT: 1.146 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV026066.D
 Acq: 09 Jun 2022 20:09

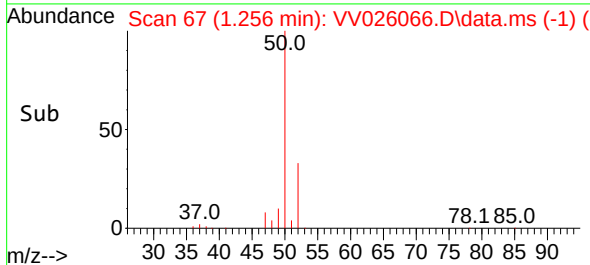
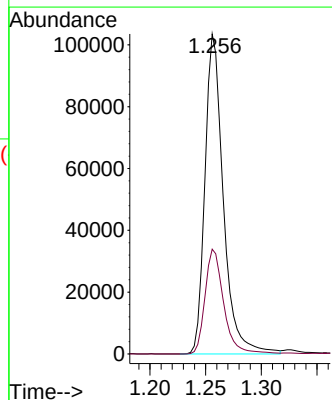
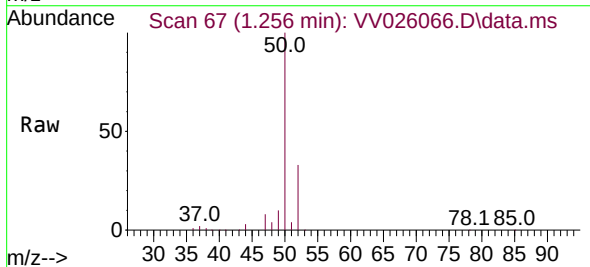
Instrument :
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 ClientSampleId :
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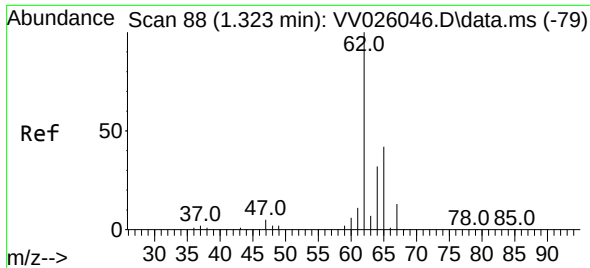
Tgt Ion: 85 Resp: 97480
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.3 37.9



#3
 Chloromethane
 Concen: 5.176 ug/L
 RT: 1.256 min Scan# 67
 Delta R.T. 0.003 min
 Lab File: VV026066.D
 Acq: 09 Jun 2022 20:09

Tgt Ion: 50 Resp: 118969
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.0 42.6

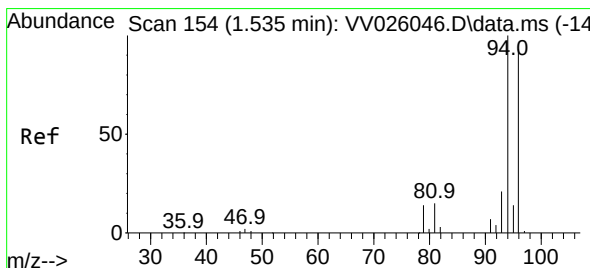
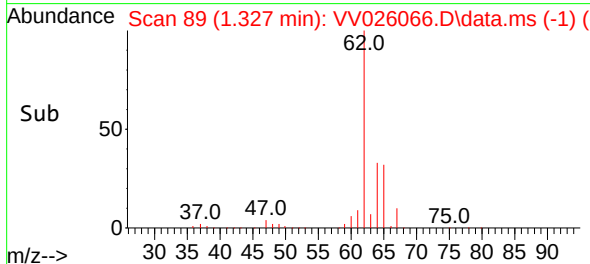
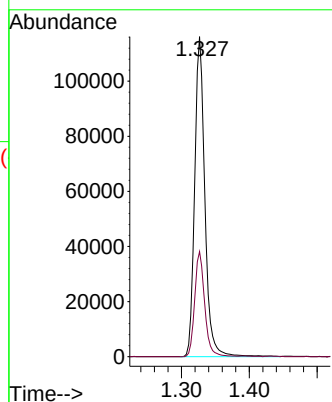
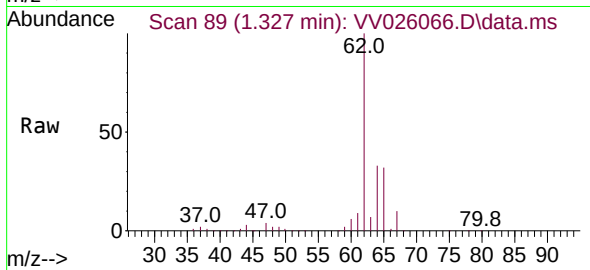




#5
 Vinyl chloride
 Concen: 5.072 ug/L
 RT: 1.327 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VV026066.D
 Acq: 09 Jun 2022 20:09

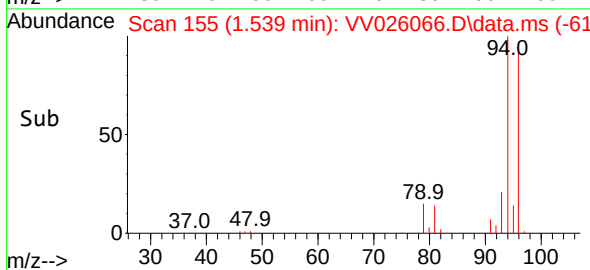
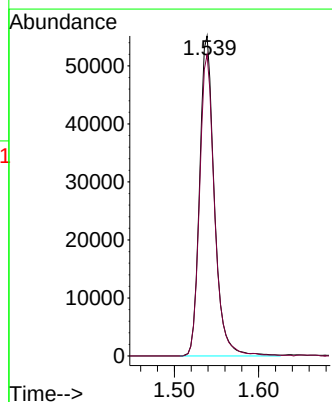
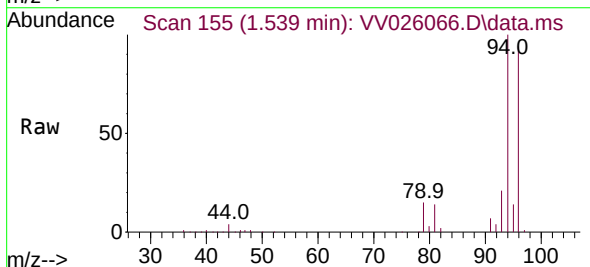
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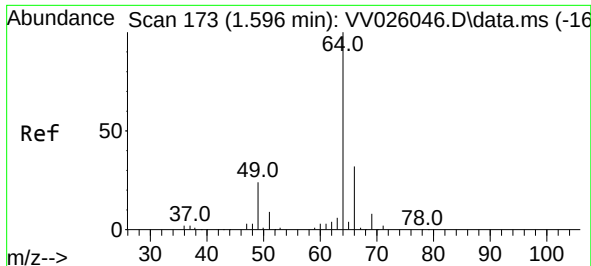
Tgt Ion: 62 Resp: 121718
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.4 43.4



#6
 Bromomethane
 Concen: 4.842 ug/L
 RT: 1.539 min Scan# 155
 Delta R.T. 0.003 min
 Lab File: VV026066.D
 Acq: 09 Jun 2022 20:09

Tgt Ion: 94 Resp: 67358
 Ion Ratio Lower Upper
 94 100
 96 94.1 65.5 121.6

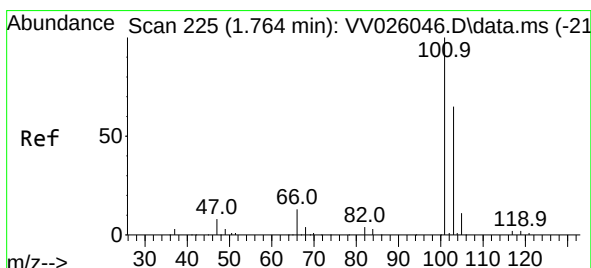
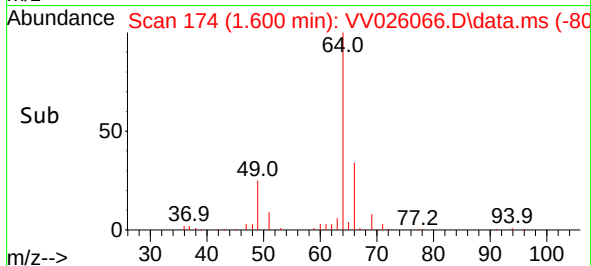
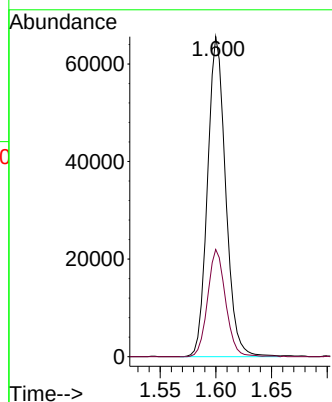
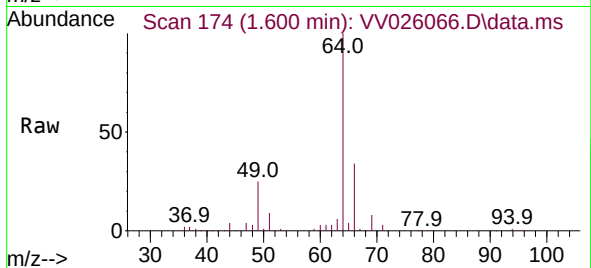




#8
Chloroethane
Concen: 5.031 ug/L
RT: 1.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

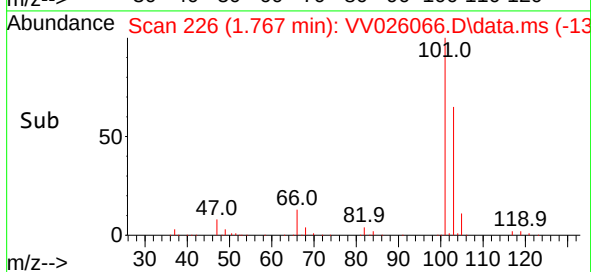
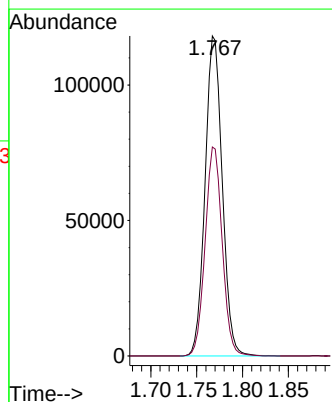
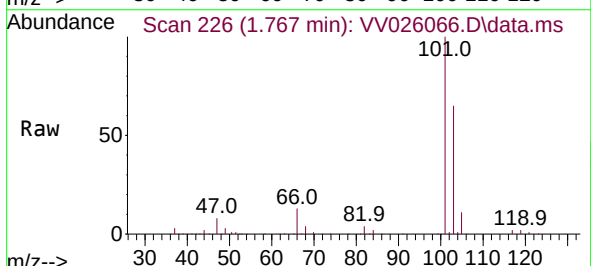
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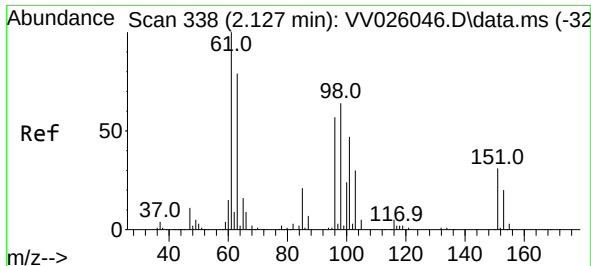
Tgt Ion: 64 Resp: 74267
Ion Ratio Lower Upper
64 100
66 33.5 23.0 42.8



#9
Trichlorofluoromethane
Concen: 5.026 ug/L
RT: 1.767 min Scan# 226
Delta R.T. 0.003 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

Tgt Ion:101 Resp: 153768
Ion Ratio Lower Upper
101 100
103 64.9 52.6 78.8

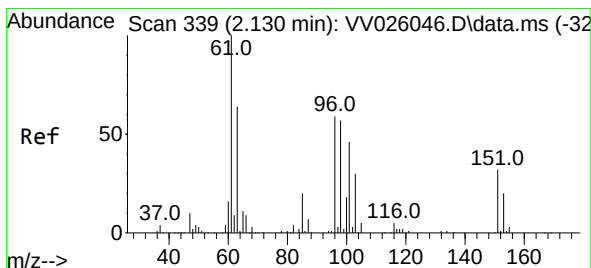
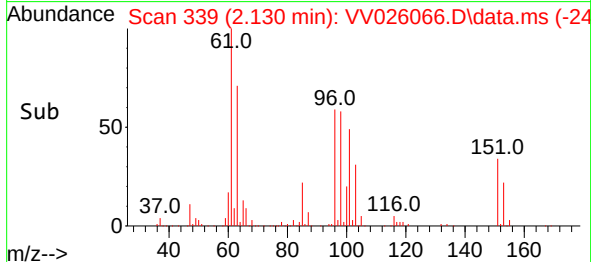
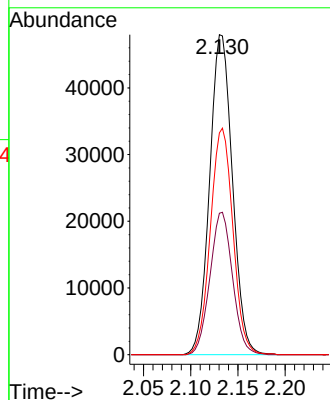
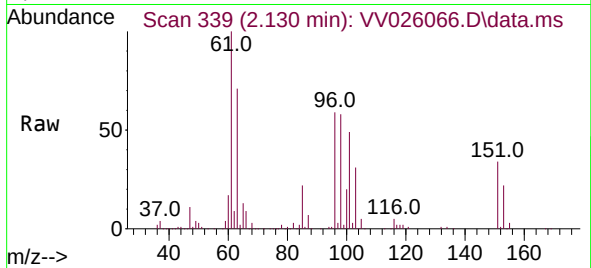




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.617 ug/L
 RT: 2.130 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV026066.D
 Acq: 09 Jun 2022 20:09

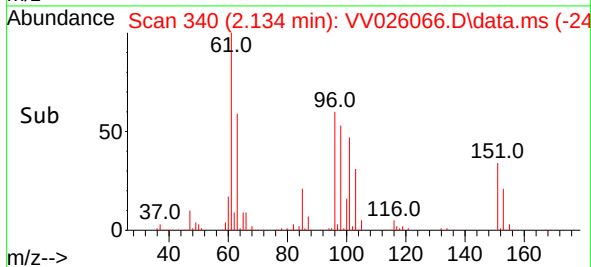
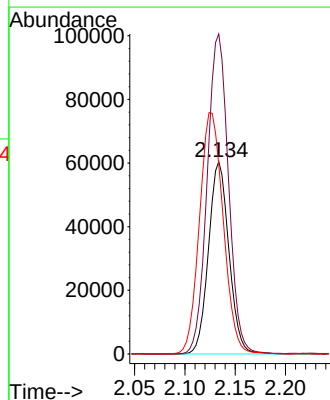
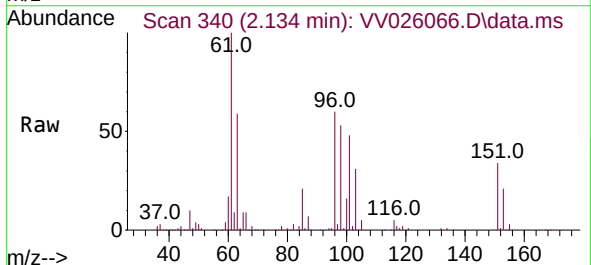
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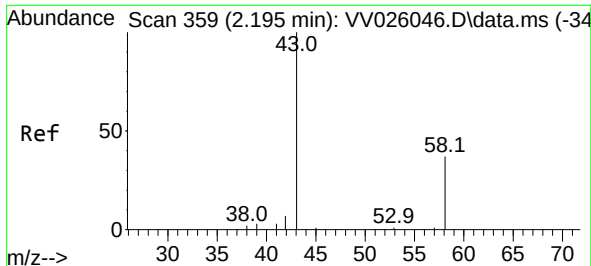
Tgt Ion:101 Resp: 80476
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.6 53.4
 151 70.2 56.4 84.6



#12
 1,1-Dichloroethene
 Concen: 5.078 ug/L
 RT: 2.134 min Scan# 340
 Delta R.T. 0.003 min
 Lab File: VV026066.D
 Acq: 09 Jun 2022 20:09

Tgt Ion: 96 Resp: 85199
 Ion Ratio Lower Upper
 96 100
 61 166.2 122.6 227.6
 63 98.5 78.5 145.9





#13

Acetone

Concen: 50.202 ug/L

RT: 2.204 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV026066.D

Acq: 09 Jun 2022 20:09

Instrument :

MSVOA_V

ClientSampleId :

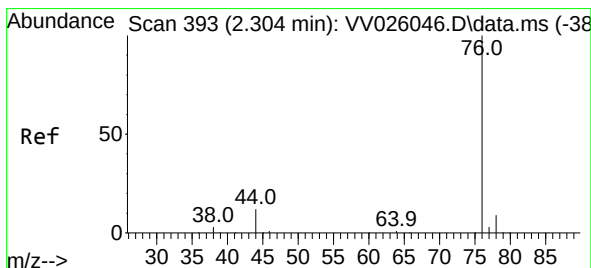
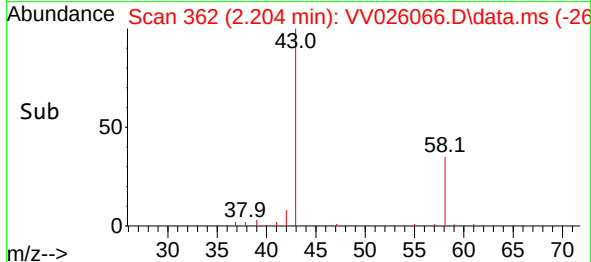
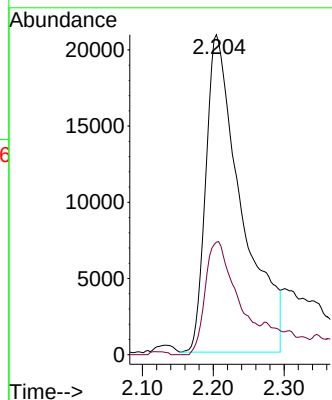
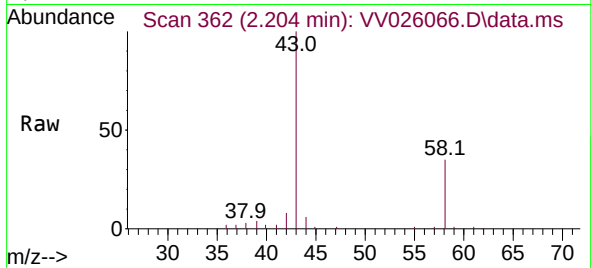
VSTD005301

Tgt Ion: 43 Resp: 72494

Ion Ratio Lower Upper

43 100

58 32.0 0.0 47.6



#14

Carbon disulfide

Concen: 4.904 ug/L

RT: 2.307 min Scan# 394

Delta R.T. 0.003 min

Lab File: VV026066.D

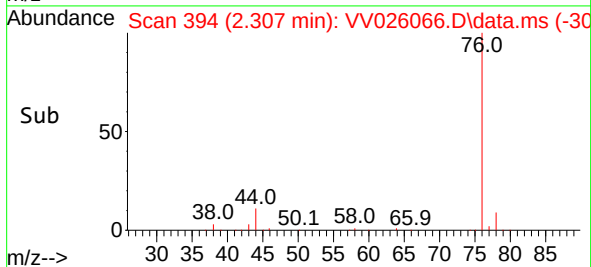
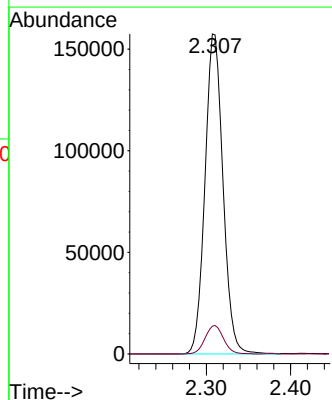
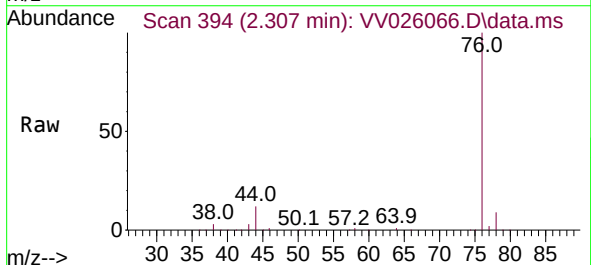
Acq: 09 Jun 2022 20:09

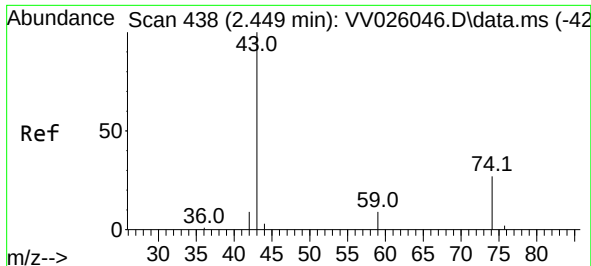
Tgt Ion: 76 Resp: 234719

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.0

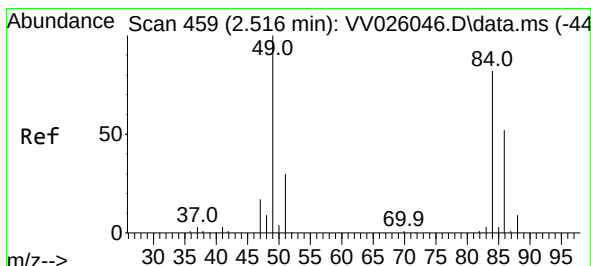
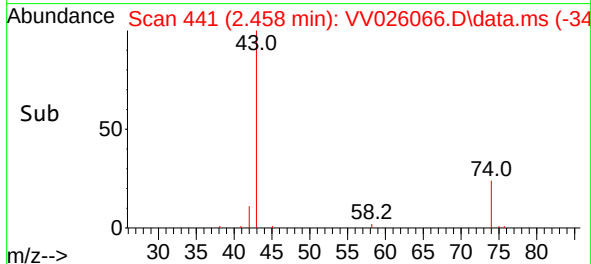
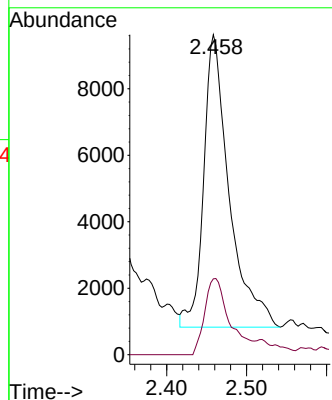
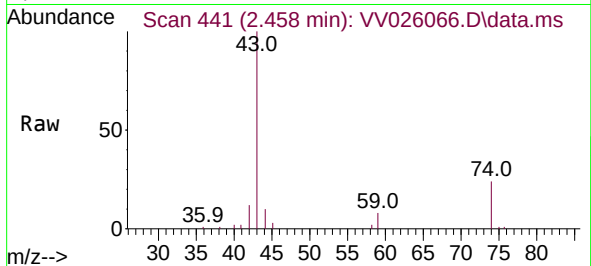




#15
Methyl Acetate
Concen: 4.143 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.010 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

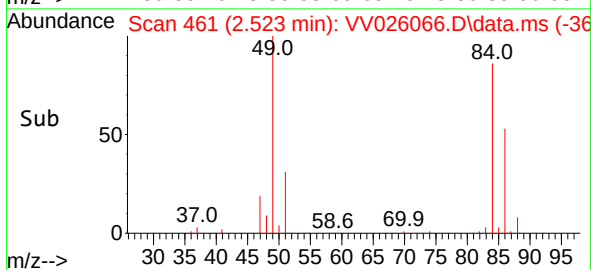
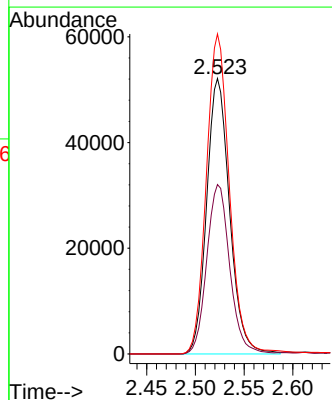
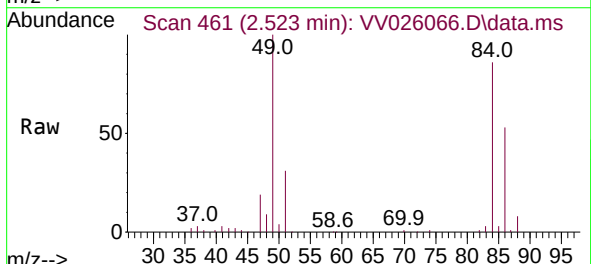
Instrument :
MSVOA_V
ClientSampleId :
VSTD005301

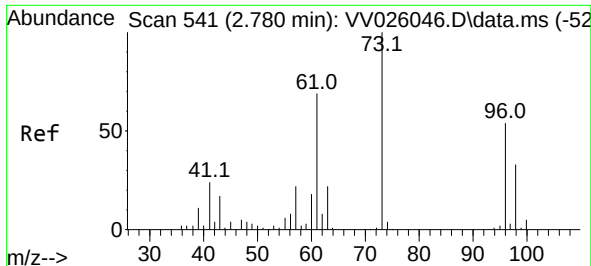
Tgt Ion: 43 Resp: 19555
Ion Ratio Lower Upper
43 100
74 25.7 13.3 19.9#



#16
Methylene chloride
Concen: 5.112 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.007 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

Tgt Ion: 84 Resp: 85444
Ion Ratio Lower Upper
84 100
86 61.5 45.6 84.6
49 116.1 82.9 153.9

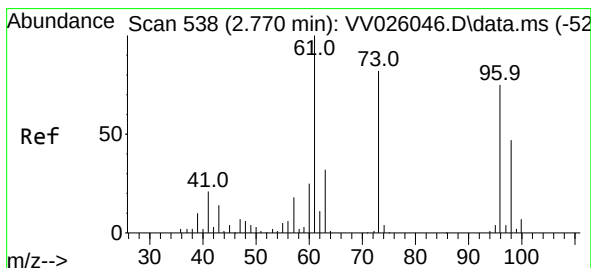
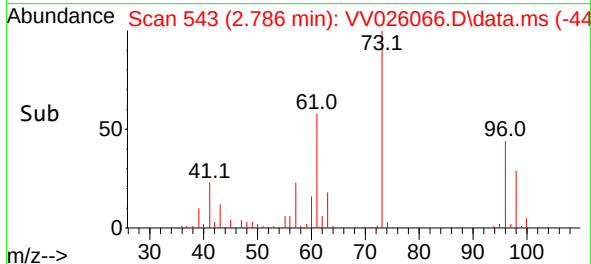
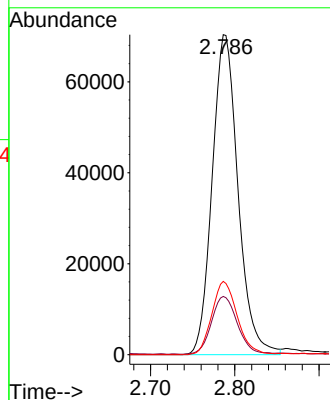
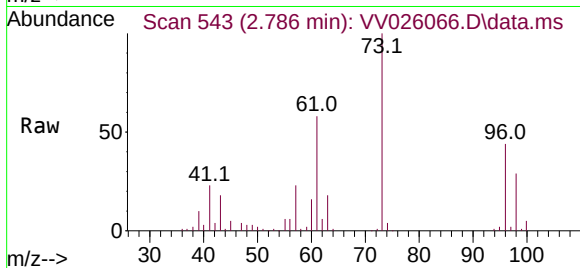




#17
Methyl tert-butyl Ether
Concen: 5.507 ug/L
RT: 2.786 min Scan# 541
Delta R.T. 0.007 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

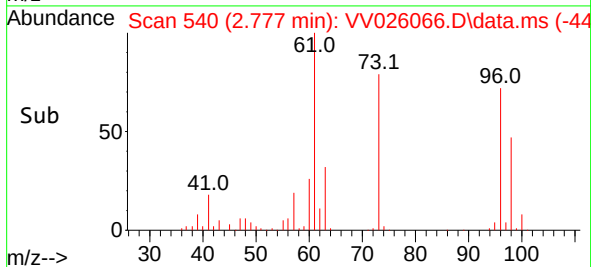
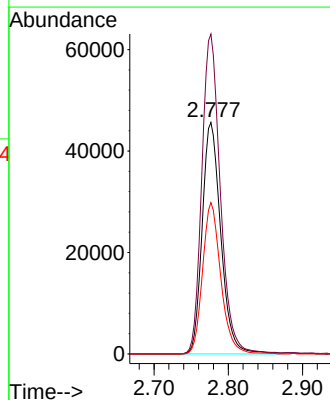
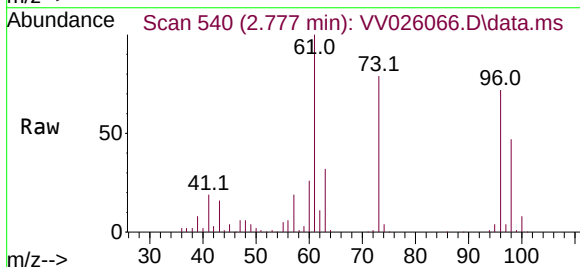
Instrument :
MSVOA_V
ClientSampleId :
VSTD005301

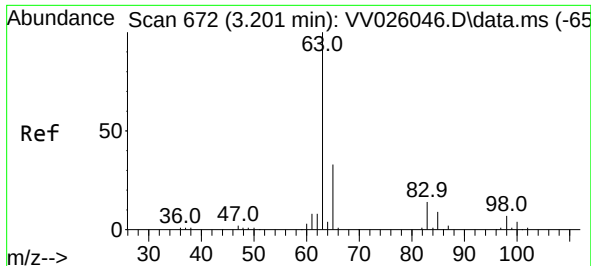
Tgt Ion: 73 Resp: 149980
Ion Ratio Lower Upper
73 100
43 18.1 13.7 20.5
57 22.5 17.8 26.6



#18
trans-1,2-Dichloroethene
Concen: 5.026 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.007 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

Tgt Ion: 96 Resp: 79517
Ion Ratio Lower Upper
96 100
61 138.2 94.3 175.1
98 65.4 44.4 82.5





#19

1,1-Dichloroethane

Concen: 5.359 ug/L

RT: 3.207 min Scan# 61

Delta R.T. 0.007 min

Lab File: VV026066.D

Acq: 09 Jun 2022 20:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD005301

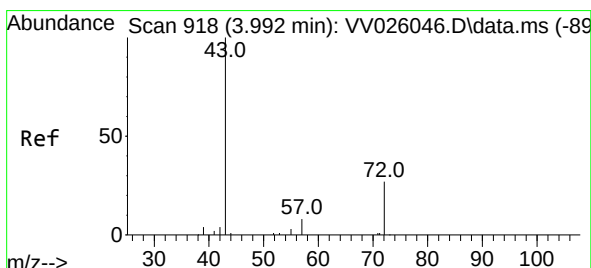
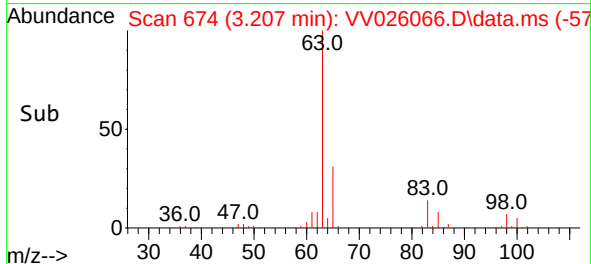
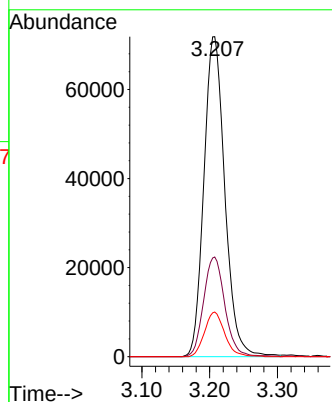
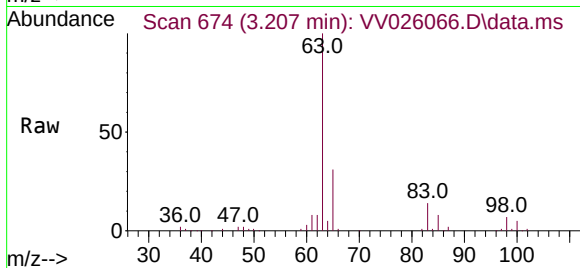
Tgt Ion: 63 Resp: 154193

Ion Ratio Lower Upper

63 100

65 31.2 23.1 42.9

83 13.9 9.7 18.1



#21

2-Butanone

Concen: 58.667 ug/L

RT: 3.998 min Scan# 920

Delta R.T. 0.007 min

Lab File: VV026066.D

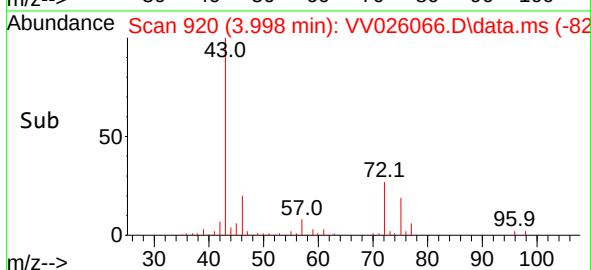
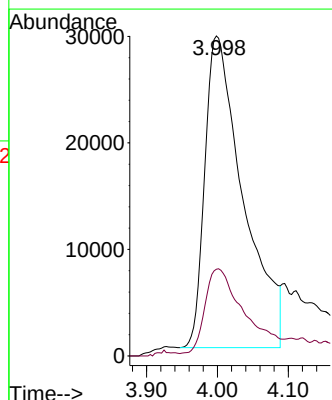
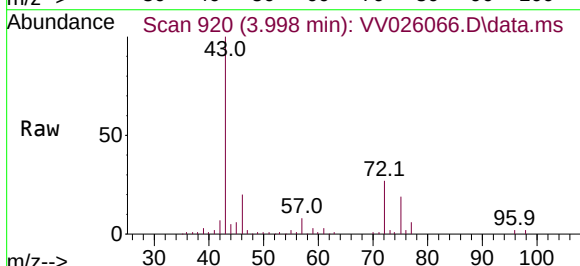
Acq: 09 Jun 2022 20:09

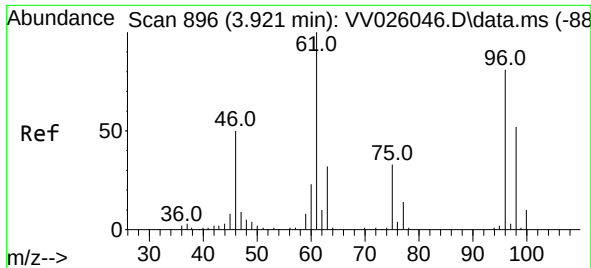
Tgt Ion: 43 Resp: 110354

Ion Ratio Lower Upper

43 100

72 28.1 11.9 35.7

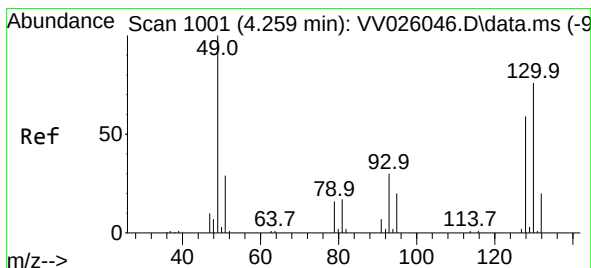
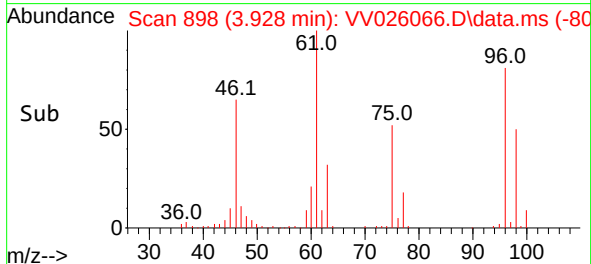
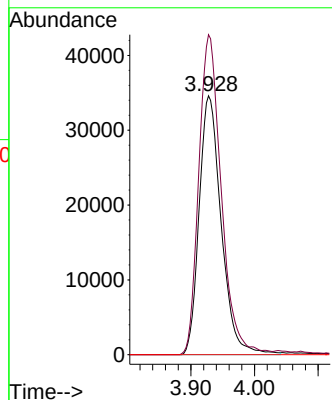
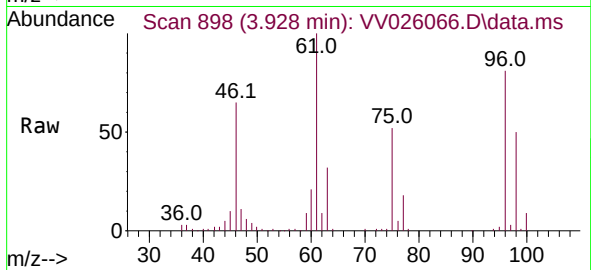




#22
 cis-1,2-Dichloroethene
 Concen: 5.349 ug/L
 RT: 3.928 min Scan# 896
 Delta R.T. 0.007 min
 Lab File: VV026066.D
 Acq: 09 Jun 2022 20:09

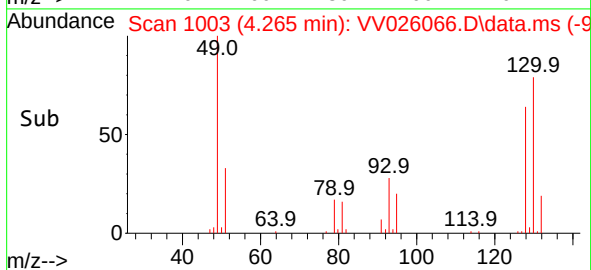
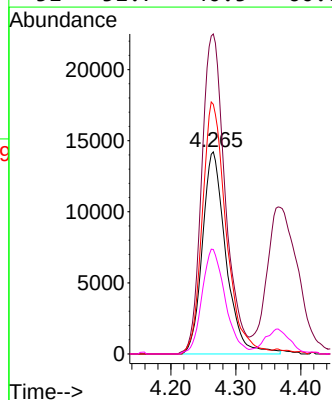
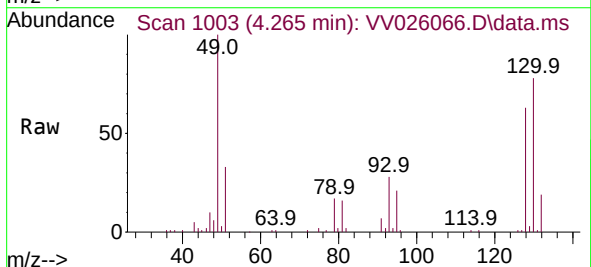
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005301

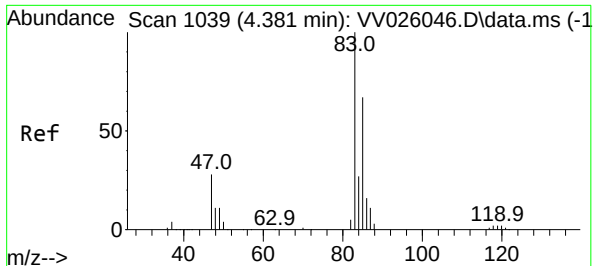
Tgt Ion: 96 Resp: 83408
 Ion Ratio Lower Upper
 96 100
 61 123.6 83.1 154.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.441 ug/L
 RT: 4.265 min Scan# 1003
 Delta R.T. 0.007 min
 Lab File: VV026066.D
 Acq: 09 Jun 2022 20:09

Tgt Ion: 128 Resp: 35663
 Ion Ratio Lower Upper
 128 100
 49 158.4 112.8 209.4
 130 123.5 87.4 162.4
 51 51.7 40.5 60.7

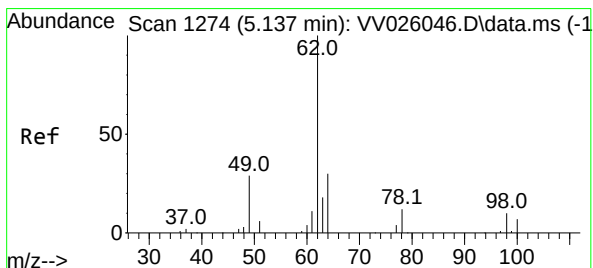
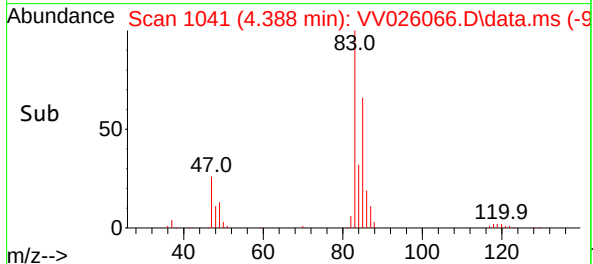
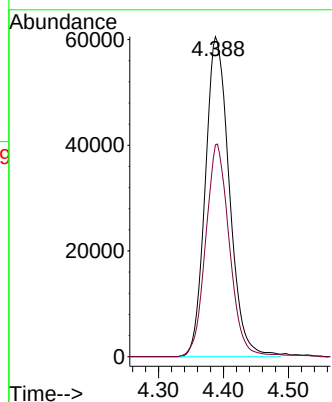
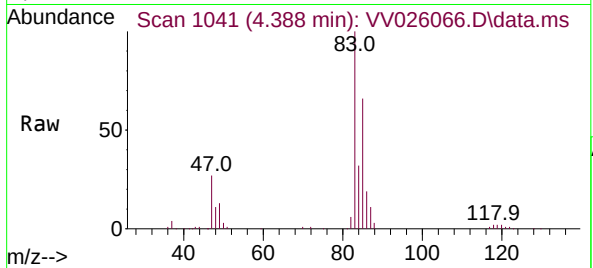




#25
Chloroform
Concen: 5.265 ug/L
RT: 4.388 min Scan# 1039
Delta R.T. 0.007 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

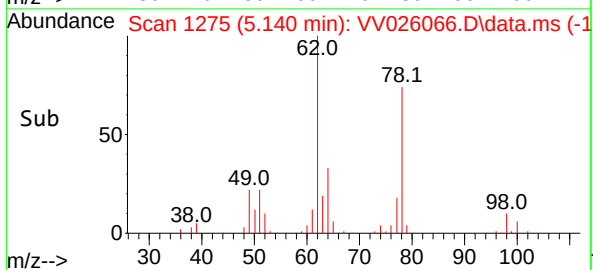
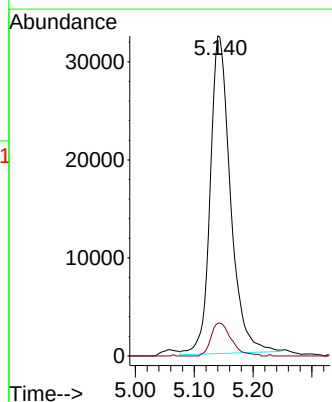
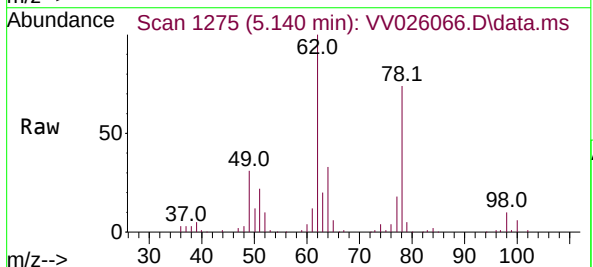
Instrument :
MSVOA_V
ClientSampleId :
VSTD005301

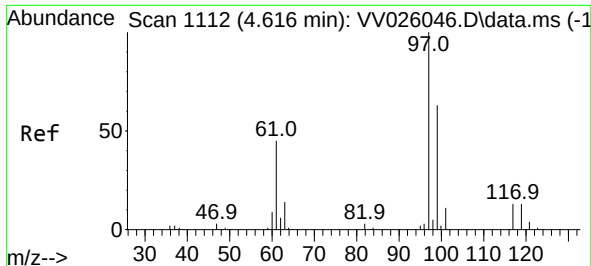
Tgt Ion: 83 Resp: 155534
Ion Ratio Lower Upper
83 100
85 66.2 45.2 84.0



#27
1,2-Dichloroethane
Concen: 5.314 ug/L
RT: 5.140 min Scan# 1275
Delta R.T. 0.003 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

Tgt Ion: 62 Resp: 77613
Ion Ratio Lower Upper
62 100
98 10.2 8.5 12.7





#29

1,1,1-Trichloroethane

Concen: 5.150 ug/L

RT: 4.619 min Scan# 1112

Delta R.T. 0.003 min

Lab File: VV026066.D

Acq: 09 Jun 2022 20:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD005301

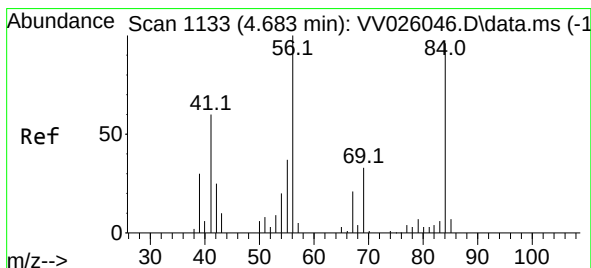
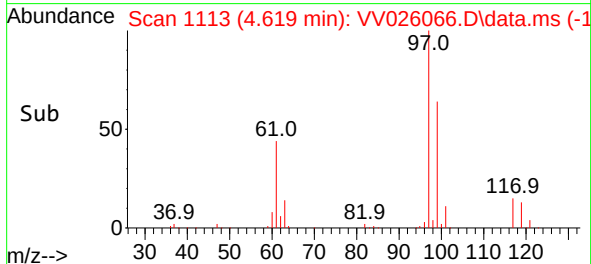
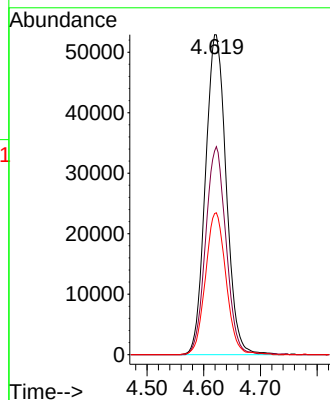
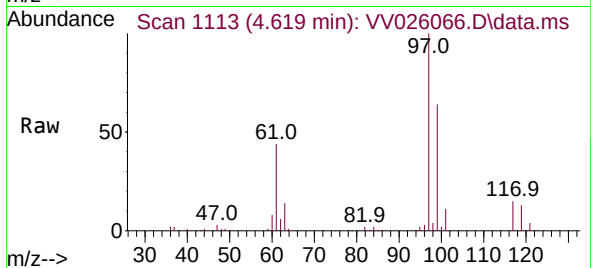
Tgt Ion: 97 Resp: 134747

Ion Ratio Lower Upper

97 100

99 63.8 51.4 77.0

61 44.1 34.9 52.3



#30

Cyclohexane

Concen: 5.010 ug/L

RT: 4.690 min Scan# 1135

Delta R.T. 0.007 min

Lab File: VV026066.D

Acq: 09 Jun 2022 20:09

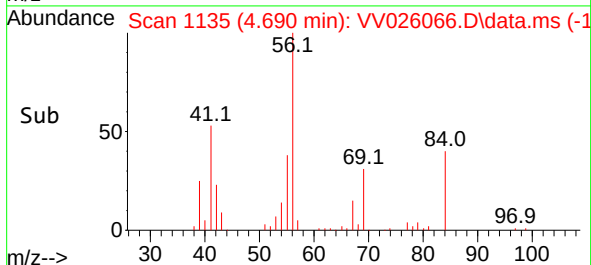
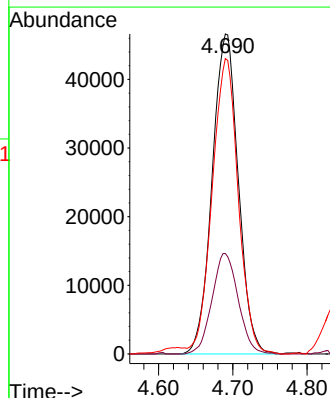
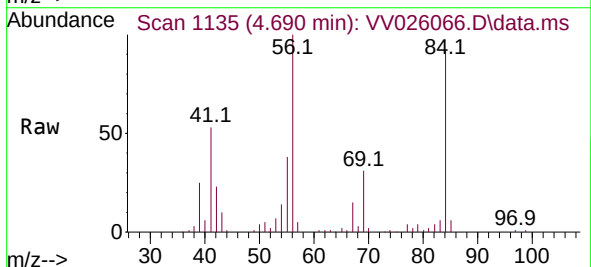
Tgt Ion: 56 Resp: 114007

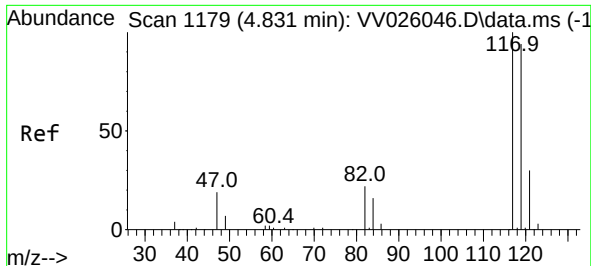
Ion Ratio Lower Upper

56 100

69 31.4 25.1 37.7

84 92.3 72.2 108.4

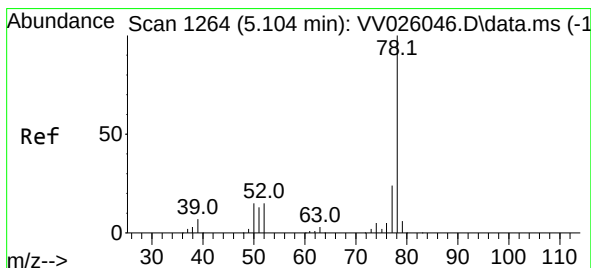
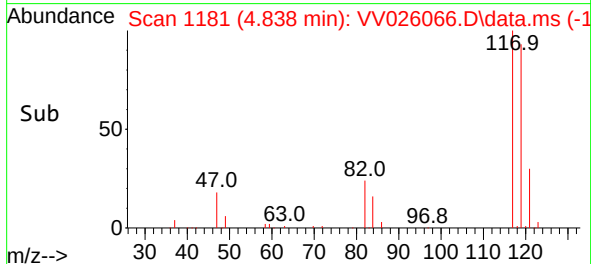
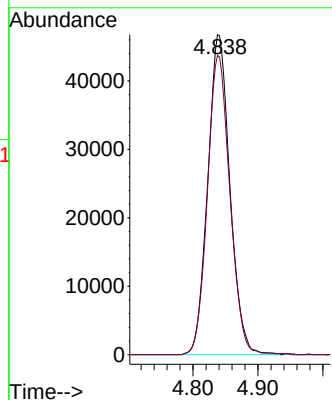
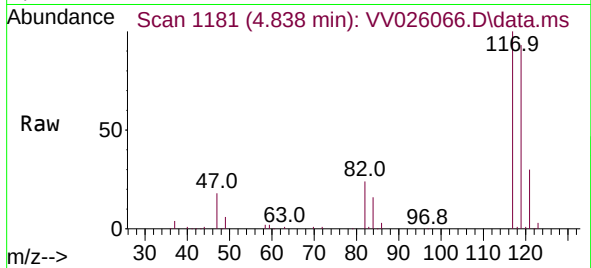




#31
Carbon tetrachloride
Concen: 5.159 ug/L
RT: 4.838 min Scan# 1179
Delta R.T. 0.007 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

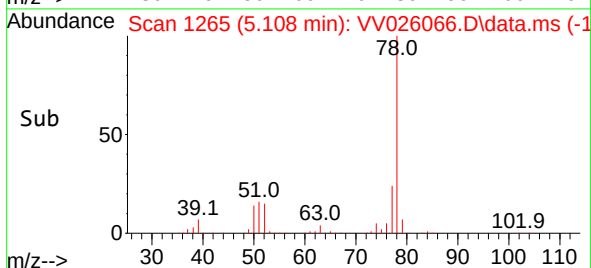
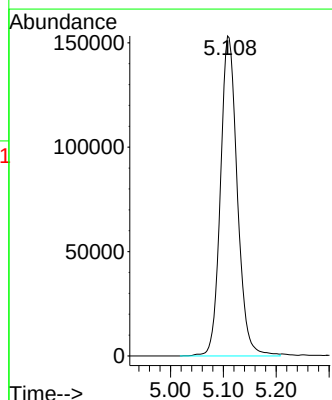
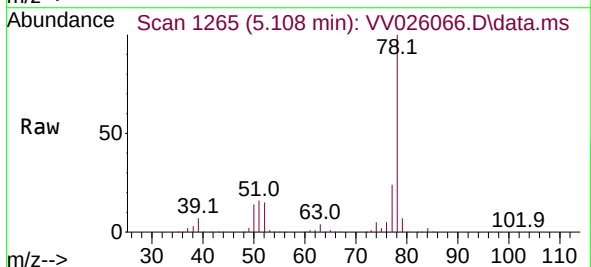
Instrument :
MSVOA_V
ClientSampleId :
VSTD005301

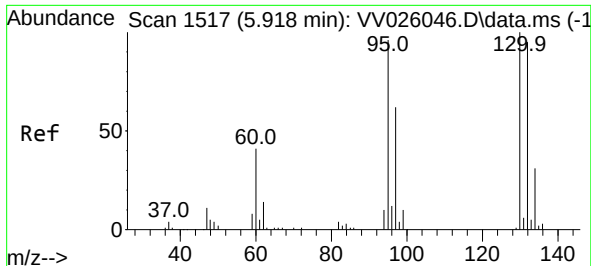
Tgt Ion:117 Resp: 110856
Ion Ratio Lower Upper
117 100
119 94.8 78.7 118.1



#33
Benzene
Concen: 5.430 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.003 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

Tgt Ion: 78 Resp: 340295



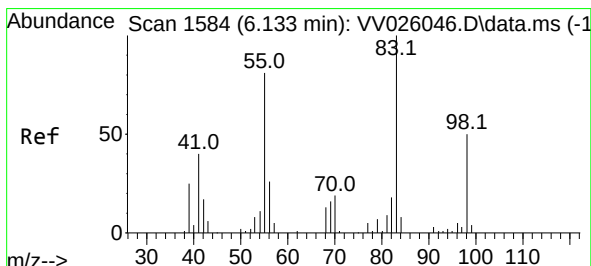
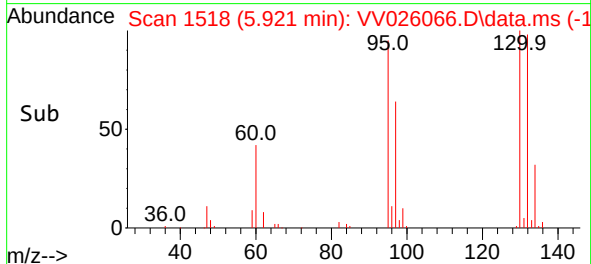
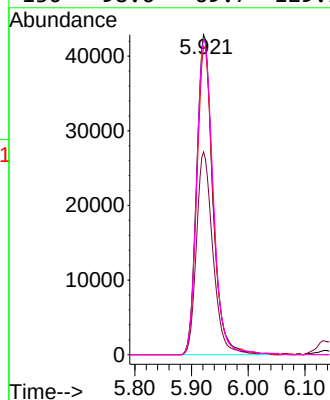
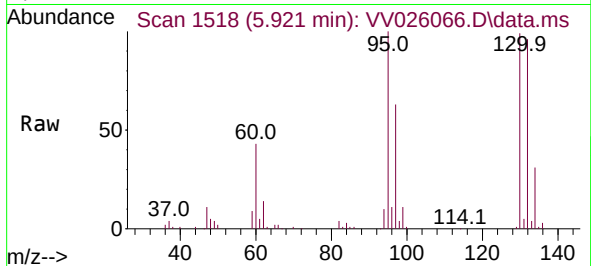


#34
Trichloroethene
Concen: 5.204 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.003 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD005301

Tgt Ion: 95 Resp: 85201

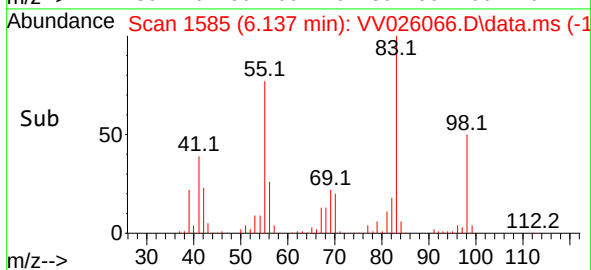
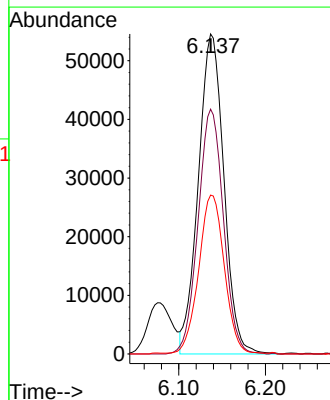
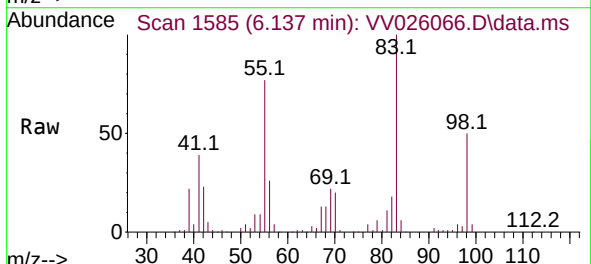
Ion	Ratio	Lower	Upper
95	100		
97	63.4	44.0	81.6
132	96.4	67.5	125.4
130	98.6	69.7	129.5

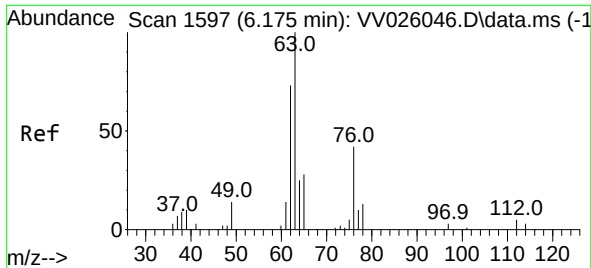


#35
Methylcyclohexane
Concen: 4.441 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.003 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

Tgt Ion: 83 Resp: 112088

Ion	Ratio	Lower	Upper
83	100		
55	75.7	59.4	89.0
98	49.1	38.9	58.3

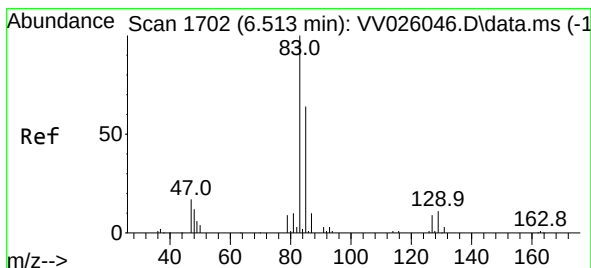
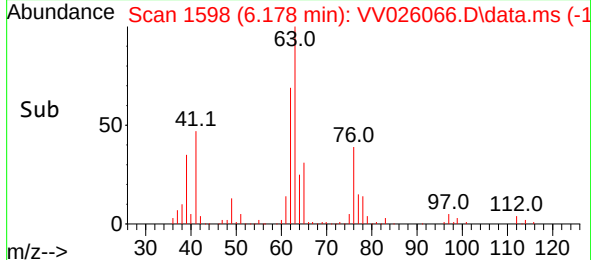
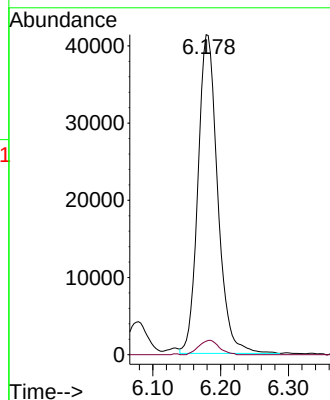
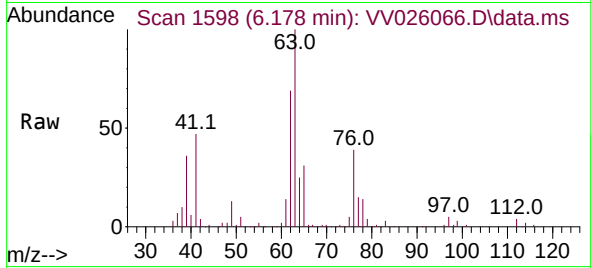




#37
1,2-Dichloropropane
Concen: 5.493 ug/L
RT: 6.178 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

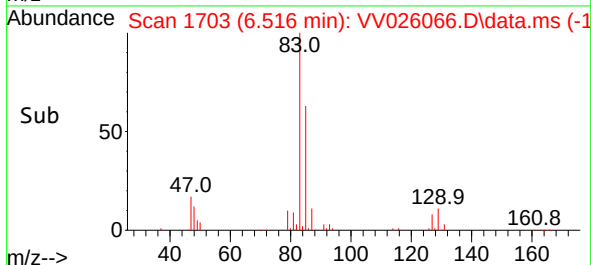
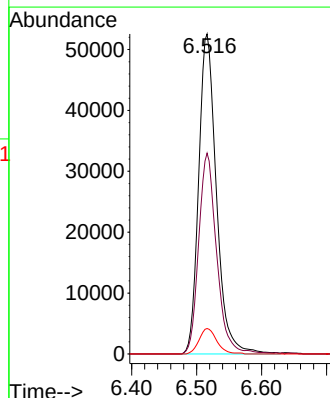
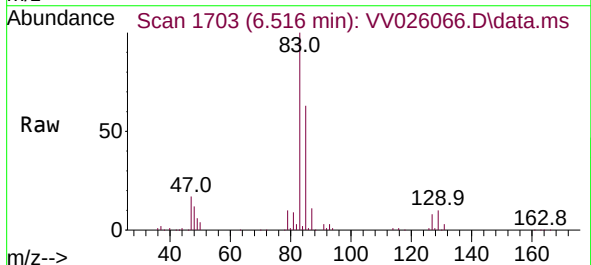
Instrument :
MSVOA_V
ClientSampleId :
VSTD005301

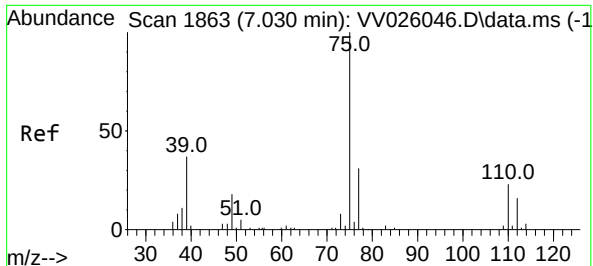
Tgt Ion: 63 Resp: 83419
Ion Ratio Lower Upper
63 100
112 4.7 3.8 5.6



#38
Bromodichloromethane
Concen: 5.460 ug/L
RT: 6.516 min Scan# 1703
Delta R.T. 0.003 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

Tgt Ion: 83 Resp: 100175
Ion Ratio Lower Upper
83 100
85 62.7 44.8 83.2
127 7.9 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 5.132 ug/L

RT: 7.030 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV026066.D

Acq: 09 Jun 2022 20:09

Instrument :

MSVOA_V

ClientSampleId :

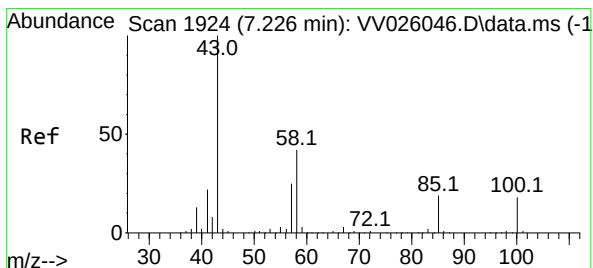
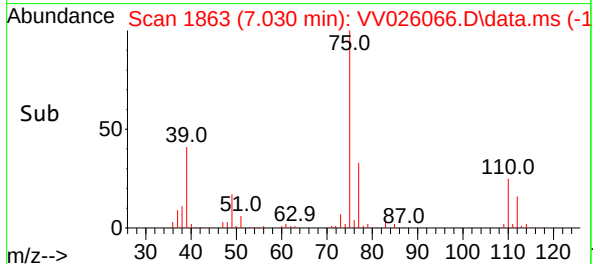
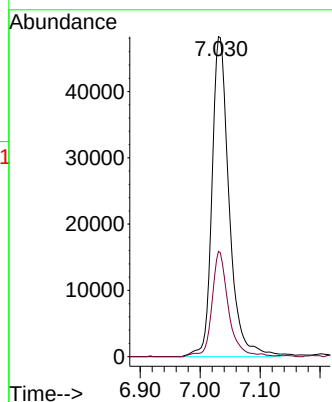
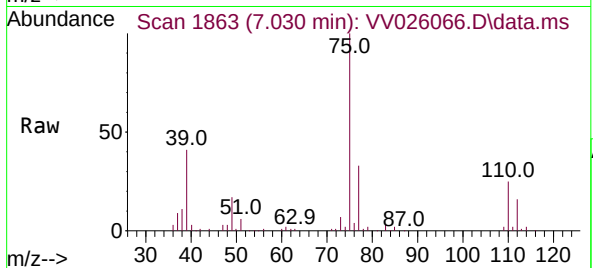
VSTD005301

Tgt Ion: 75 Resp: 96048

Ion Ratio Lower Upper

75 100

77 32.9 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 60.497 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV026066.D

Acq: 09 Jun 2022 20:09

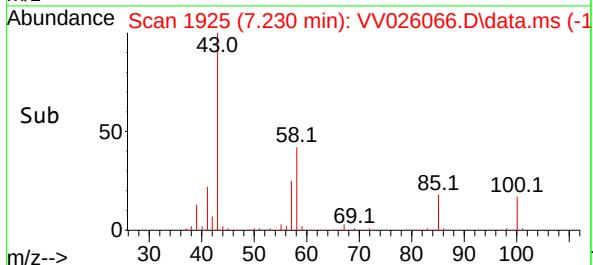
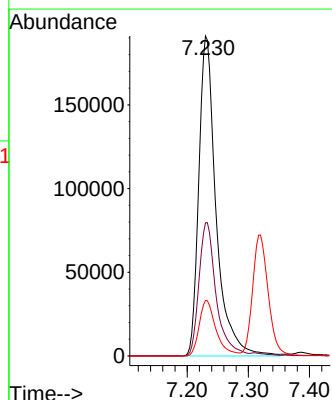
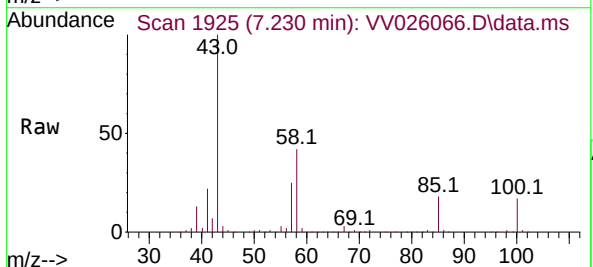
Tgt Ion: 43 Resp: 375318

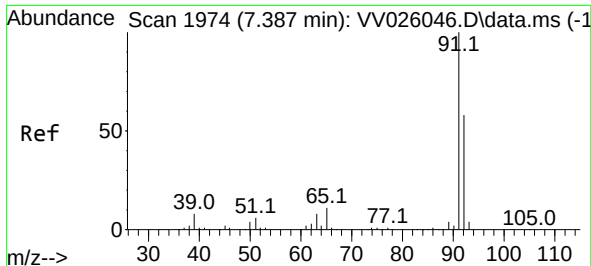
Ion Ratio Lower Upper

43 100

58 41.4 34.2 51.2

100 16.9 12.6 19.0

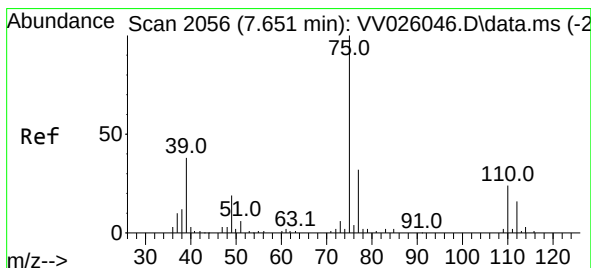
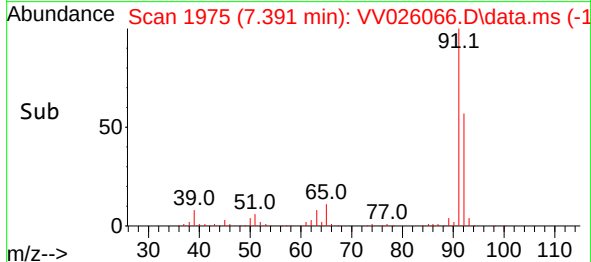
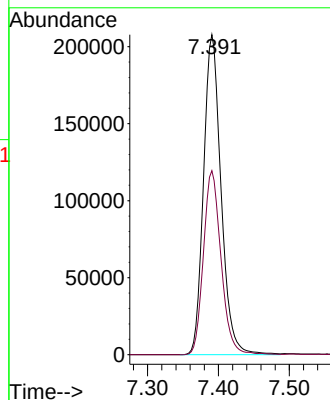
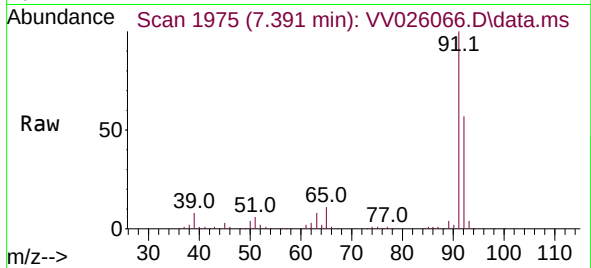




#42
Toluene
Concen: 5.448 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.003 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

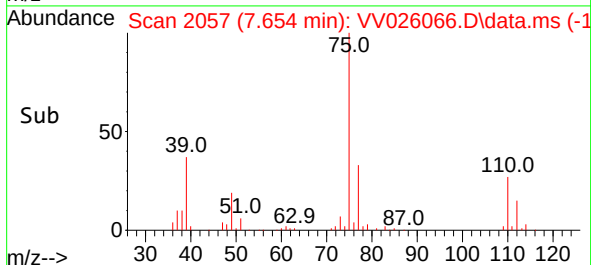
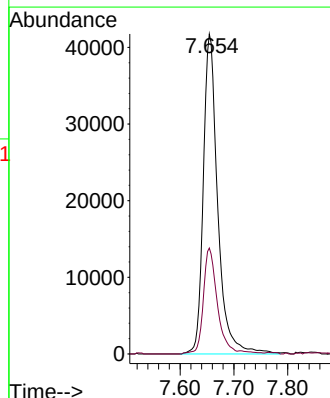
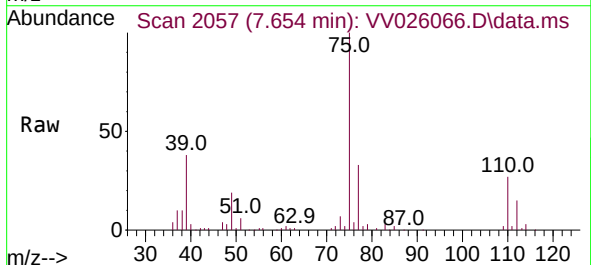
Instrument :
MSVOA_V
ClientSampleId :
VSTD005301

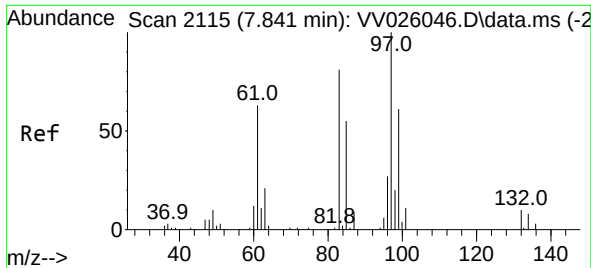
Tgt Ion: 91 Resp: 356691
Ion Ratio Lower Upper
91 100
92 57.5 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 5.301 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.003 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

Tgt Ion: 75 Resp: 77726
Ion Ratio Lower Upper
75 100
77 33.1 21.7 40.3

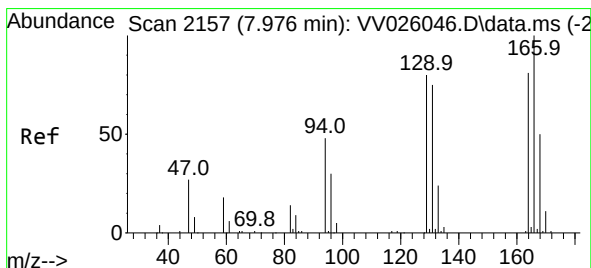
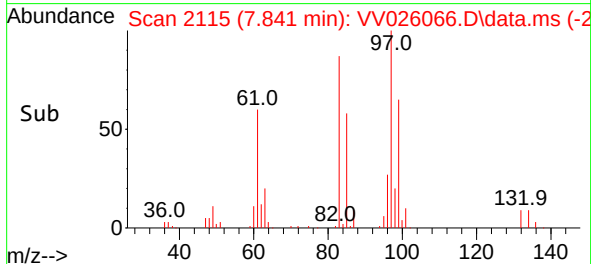
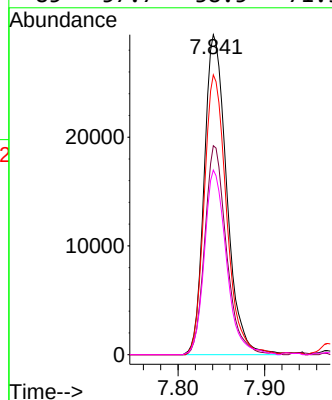
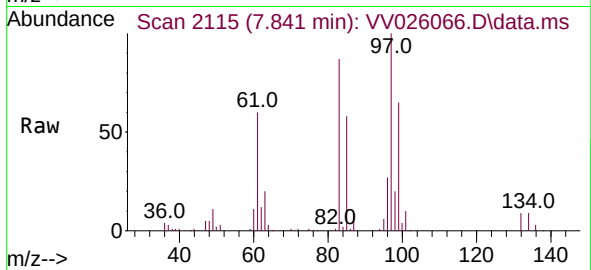




#45
1,1,2-Trichloroethane
Concen: 5.398 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

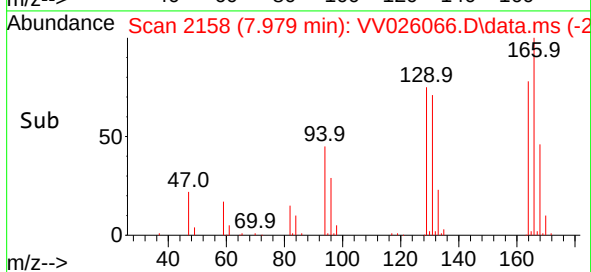
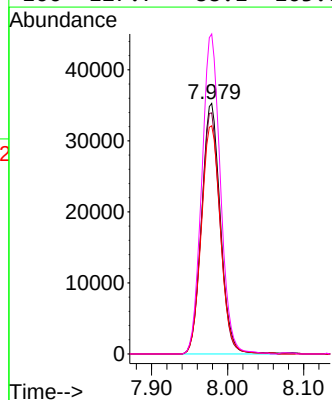
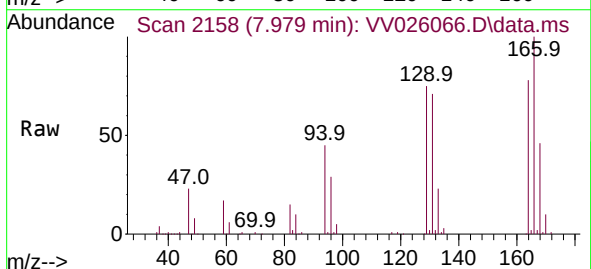
Instrument :
MSVOA_V
ClientSampleId :
VSTD005301

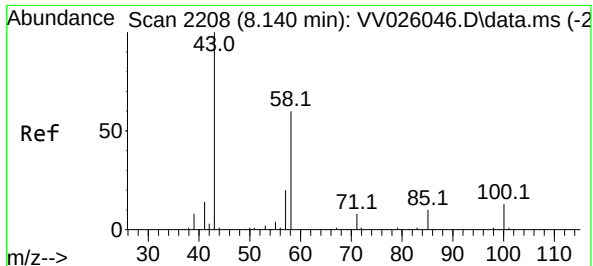
Tgt Ion: 97	Resp: 53232
Ion Ratio	Lower Upper
97 100	
99 65.3	43.5 80.7
83 87.4	59.6 110.8
85 57.7	38.5 71.5



#47
Tetrachloroethene
Concen: 4.762 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

Tgt	Ion:164	Resp:	60347
Ion	Ratio	Lower	Upper
164	100		
129	96.2	68.3	126.9
131	91.1	66.5	123.5
166	127.7	88.1	163.7

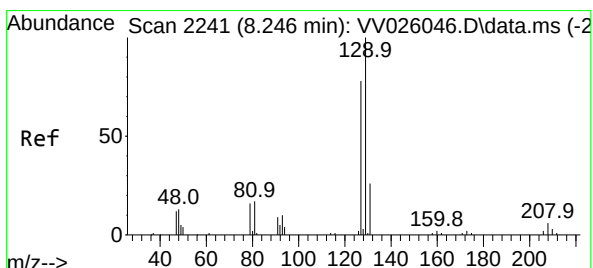
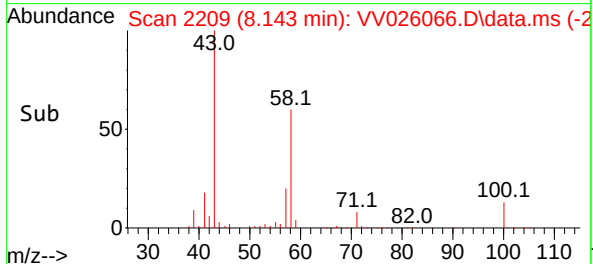
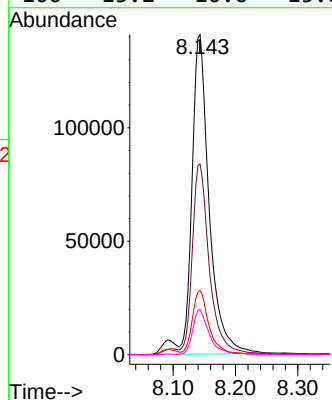
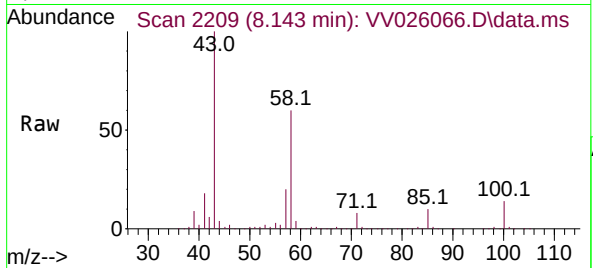




#48
2-Hexanone
Concen: 60.416 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

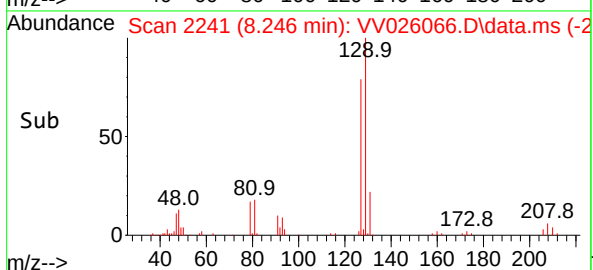
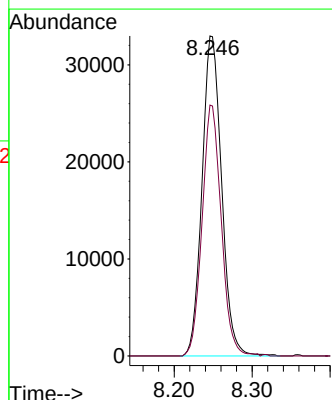
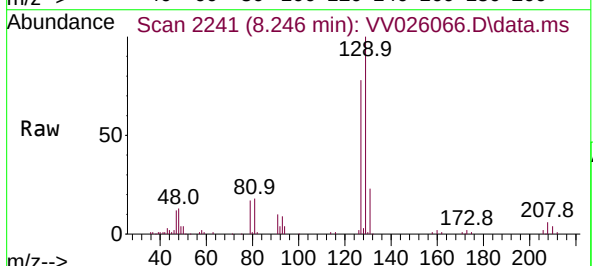
Instrument :
MSVOA_V
ClientSampleId :
VSTD005301

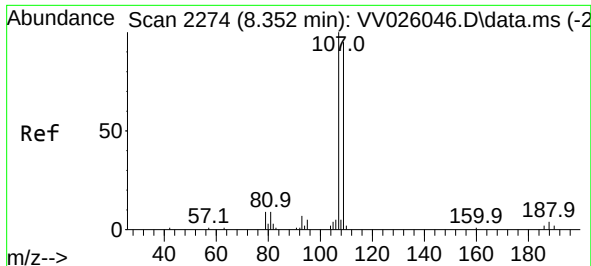
Tgt Ion: 43 Resp: 266053
Ion Ratio Lower Upper
43 100
58 59.0 47.4 71.2
57 19.6 15.5 23.3
100 13.2 10.6 15.8



#49
Dibromochloromethane
Concen: 5.350 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

Tgt Ion: 129 Resp: 57593
Ion Ratio Lower Upper
129 100
127 78.4 55.9 103.7

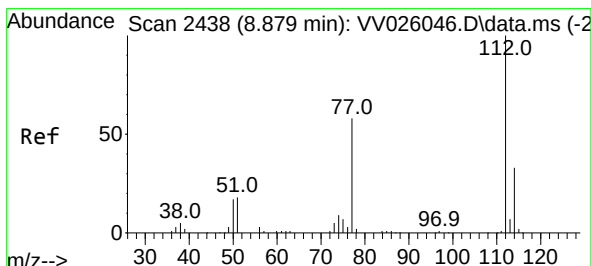
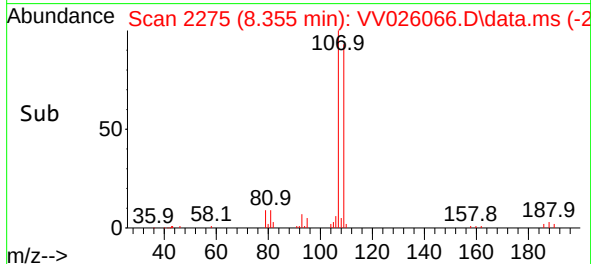
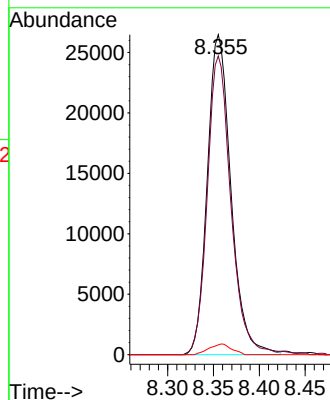
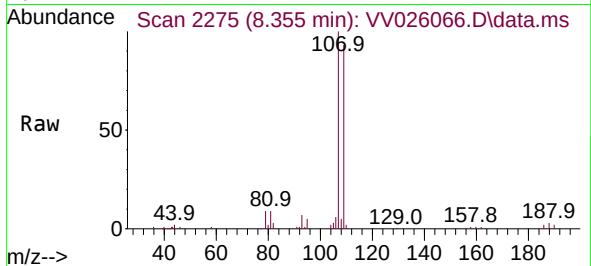




#50
1,2-Dibromoethane
Concen: 5.420 ug/L
RT: 8.355 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

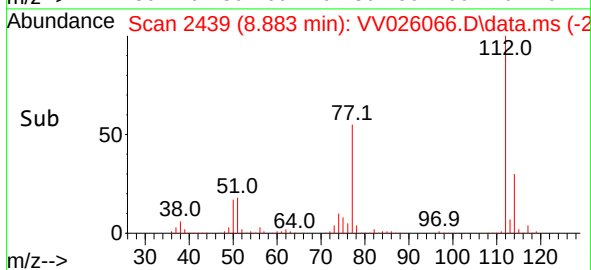
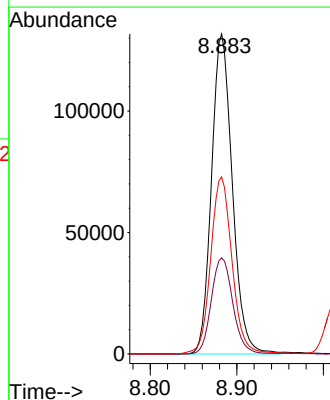
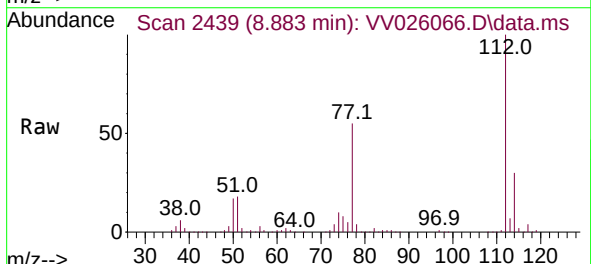
Instrument :
MSVOA_V
ClientSampleId :
VSTD005301

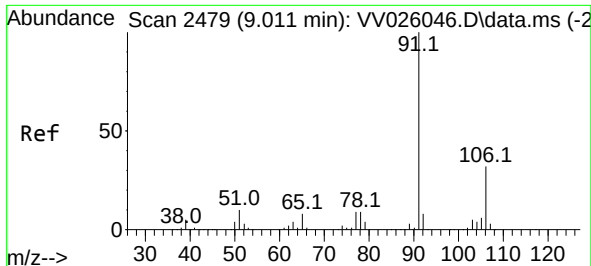
Tgt Ion:	107	Resp:	47561
Ion	Ratio	Lower	Upper
107	100		
109	93.4	64.8	120.3
188	3.1	2.7	4.1



#51
Chlorobenzene
Concen: 5.164 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.003 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

Tgt Ion:	112	Resp:	220055
Ion	Ratio	Lower	Upper
112	100		
114	30.1	22.3	41.5
77	55.4	44.6	66.8





#52

Ethylbenzene

Concen: 5.224 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV026066.D

Acq: 09 Jun 2022 20:09

Instrument :

MSVOA_V

ClientSampleId :

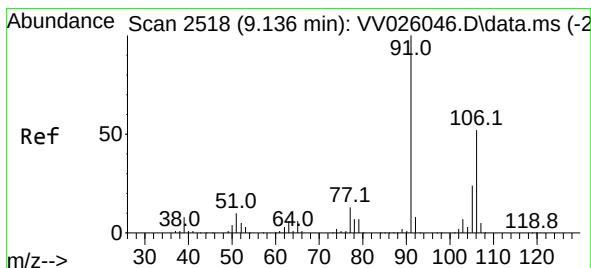
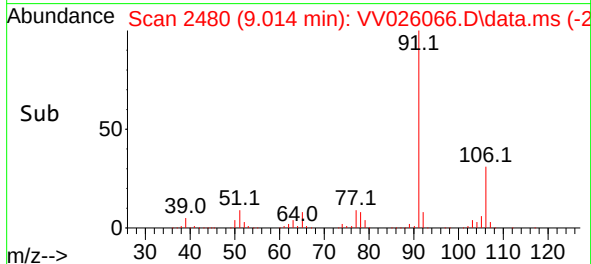
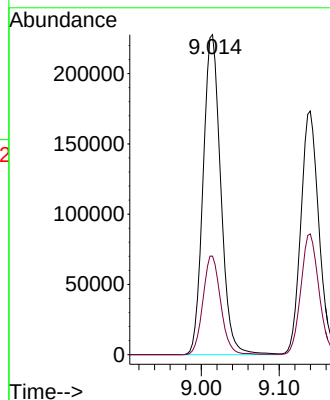
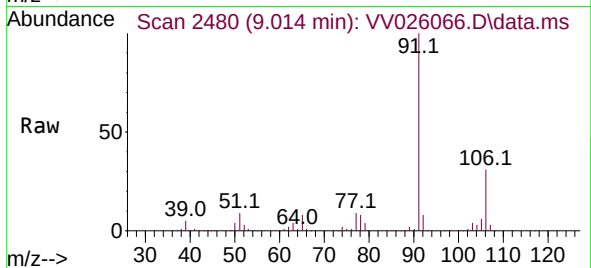
VSTD005301

Tgt Ion: 91 Resp: 358509

Ion Ratio Lower Upper

91 100

106 30.8 21.8 40.6



#53

m,p-Xylene

Concen: 5.254 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV026066.D

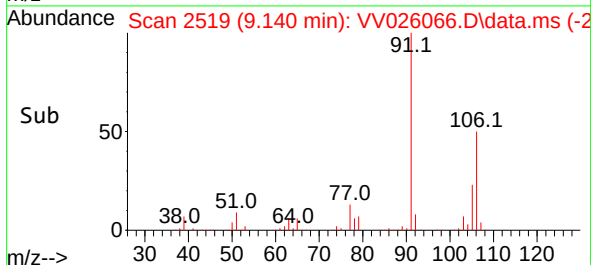
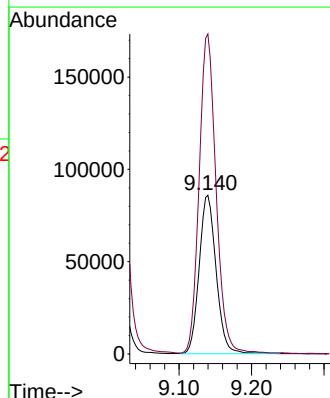
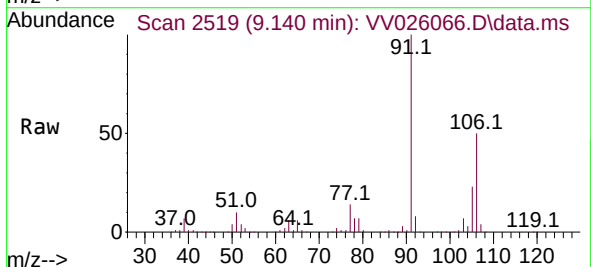
Acq: 09 Jun 2022 20:09

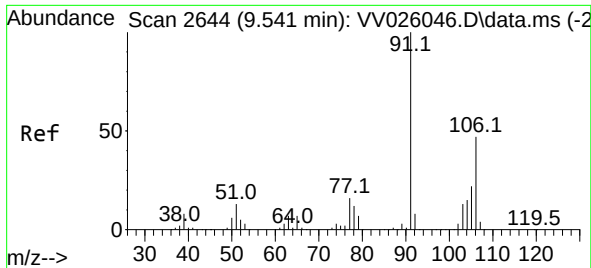
Tgt Ion: 106 Resp: 139366

Ion Ratio Lower Upper

106 100

91 201.6 140.4 260.8

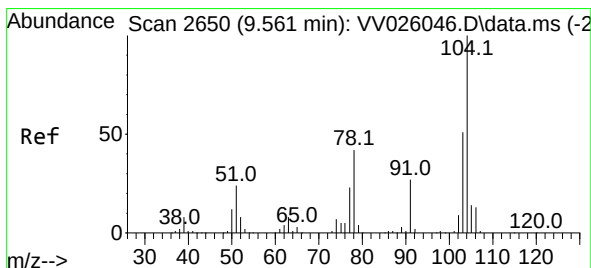
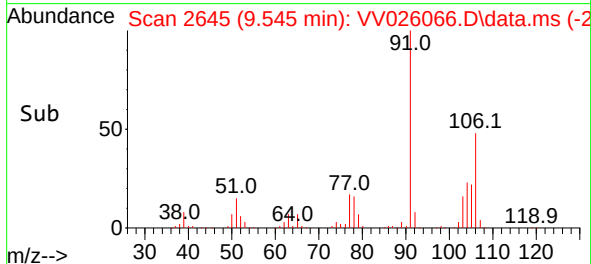
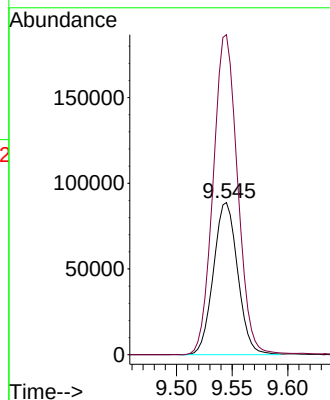
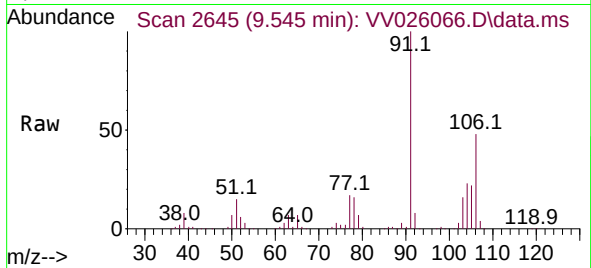




#54
o-Xylene
Concen: 5.338 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

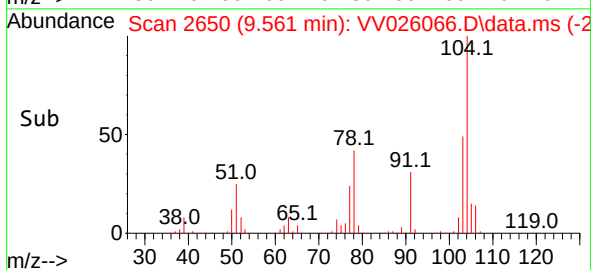
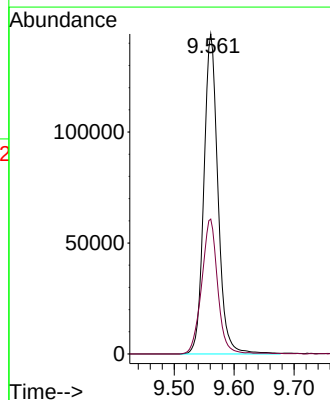
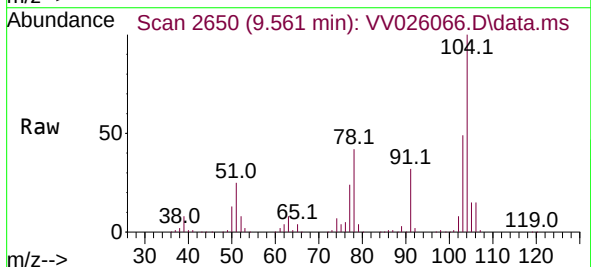
Instrument :
MSVOA_V
ClientSampleId :
VSTD005301

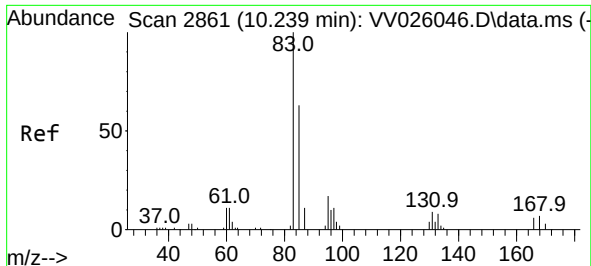
Tgt Ion:106 Resp: 134614
Ion Ratio Lower Upper
106 100
91 210.3 145.4 270.0



#55
Styrene
Concen: 5.601 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

Tgt Ion:104 Resp: 236598
Ion Ratio Lower Upper
104 100
78 42.2 29.1 54.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.263 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV026066.D

Acq: 09 Jun 2022 20:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD005301

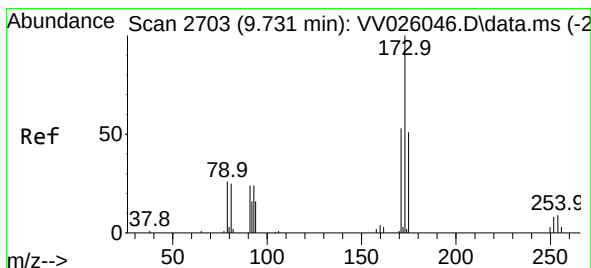
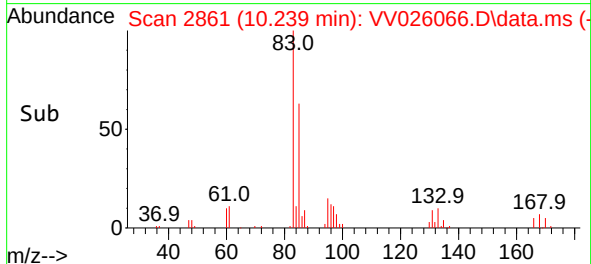
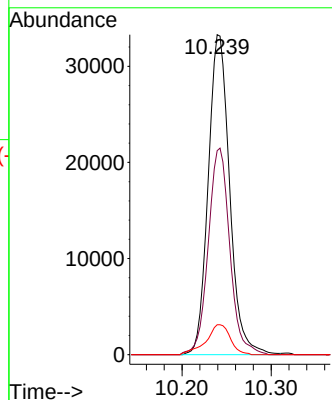
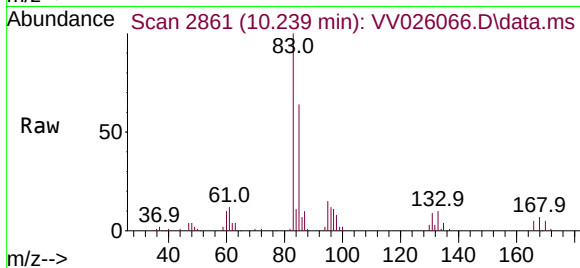
Tgt Ion: 83 Resp: 55568

Ion Ratio Lower Upper

83 100

85 63.7 46.4 86.2

131 9.3 7.1 10.7



#59

Bromoform

Concen: 5.338 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV026066.D

Acq: 09 Jun 2022 20:09

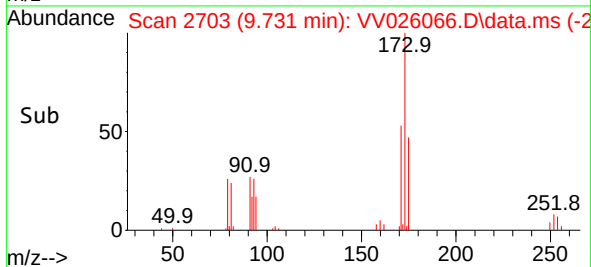
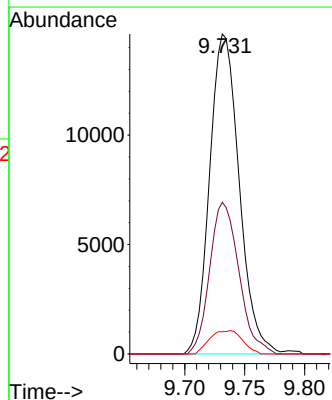
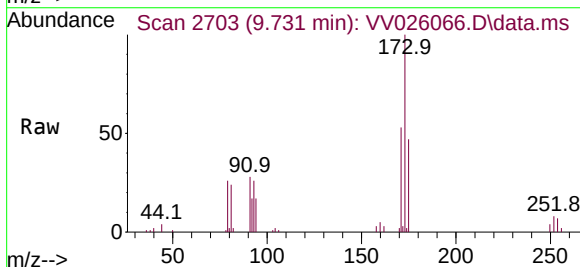
Tgt Ion: 173 Resp: 25035

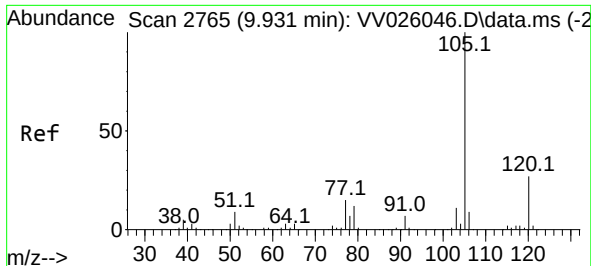
Ion Ratio Lower Upper

173 100

175 46.8 38.8 58.2

254 8.1 6.9 10.3

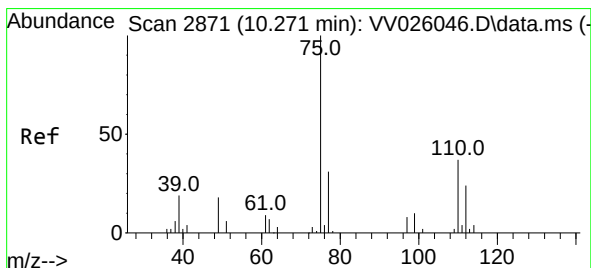
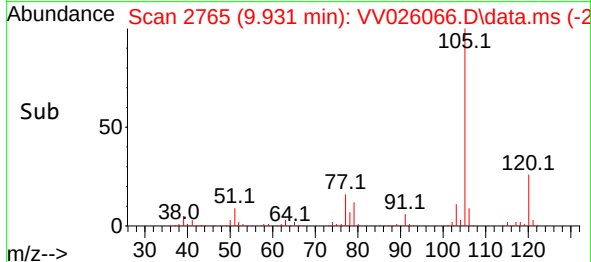
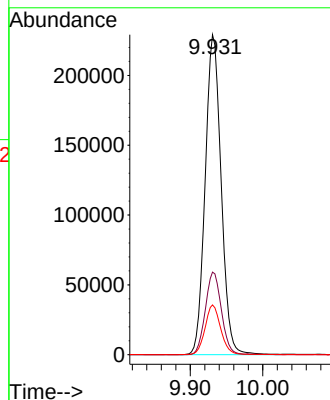
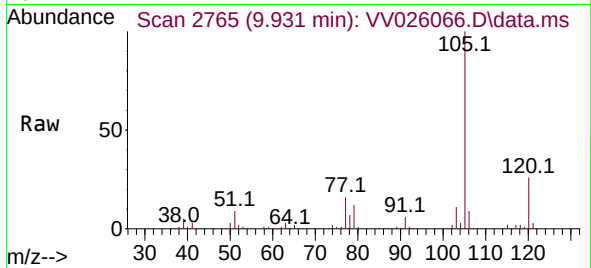




#60
Isopropylbenzene
Concen: 5.280 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

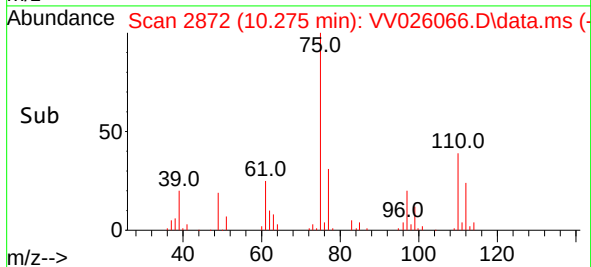
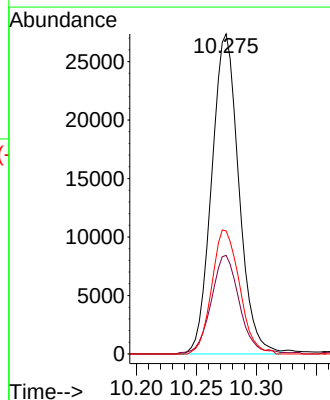
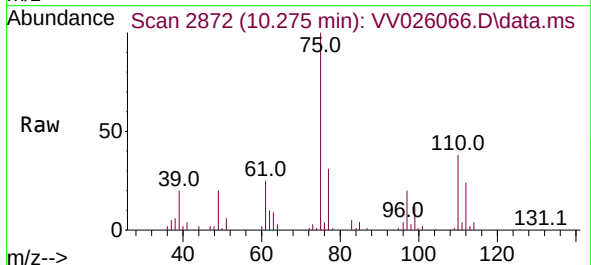
Instrument :
MSVOA_V
ClientSampleId :
VSTD005301

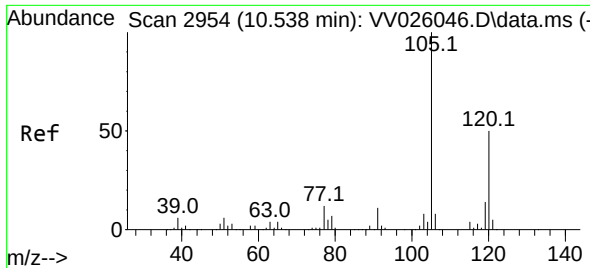
Tgt Ion:105 Resp: 350814
Ion Ratio Lower Upper
105 100
120 25.9 21.3 31.9
77 15.2 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 5.514 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

Tgt Ion: 75 Resp: 43025
Ion Ratio Lower Upper
75 100
77 32.3 26.6 40.0
110 39.7 32.0 48.0

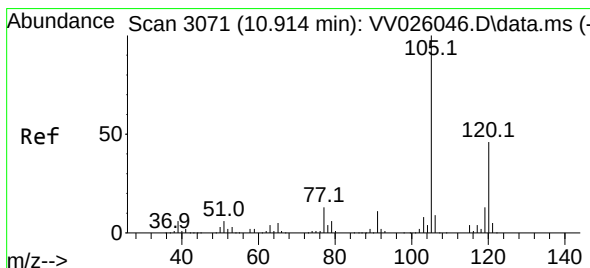
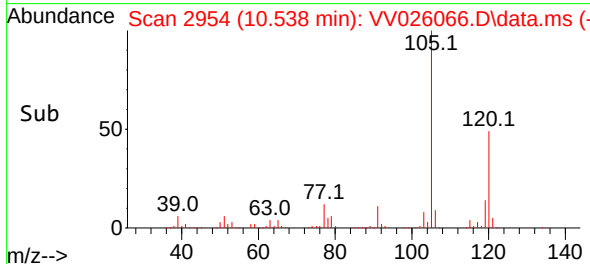
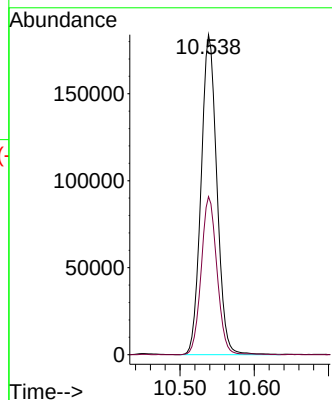
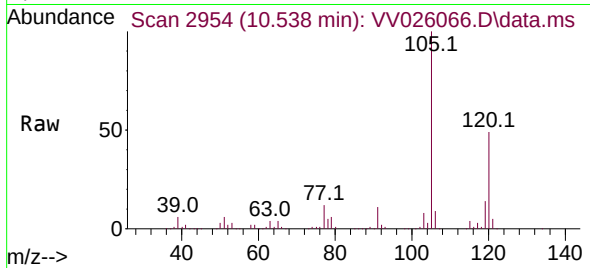




#62
1,3,5-Trimethylbenzene
Concen: 5.173 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

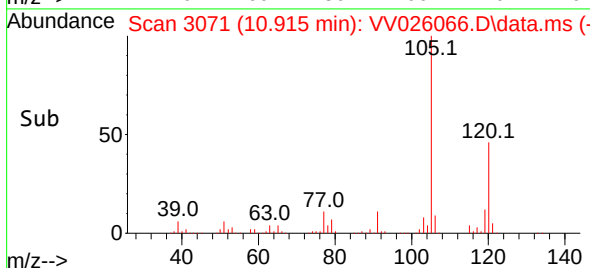
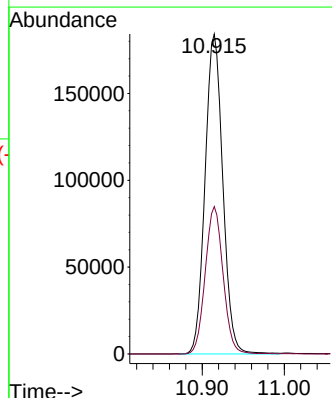
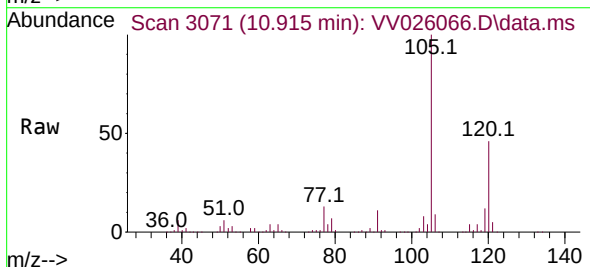
Instrument :
MSVOA_V
ClientSampleId :
VSTD005301

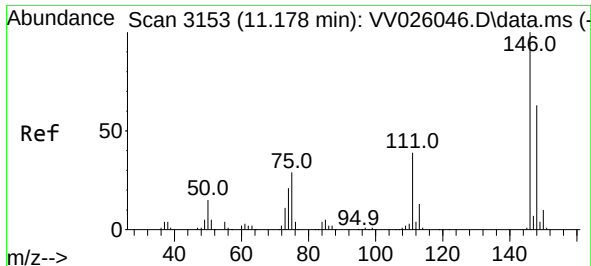
Tgt Ion:105 Resp: 272177
Ion Ratio Lower Upper
105 100
120 49.2 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 5.285 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

Tgt Ion:105 Resp: 276905
Ion Ratio Lower Upper
105 100
120 46.2 36.7 55.1

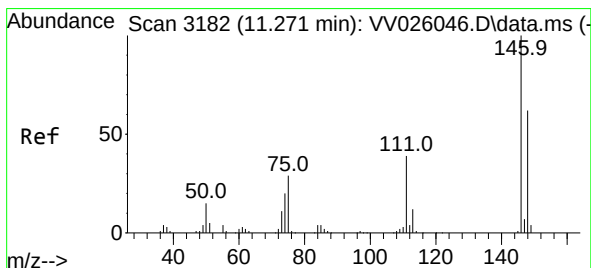
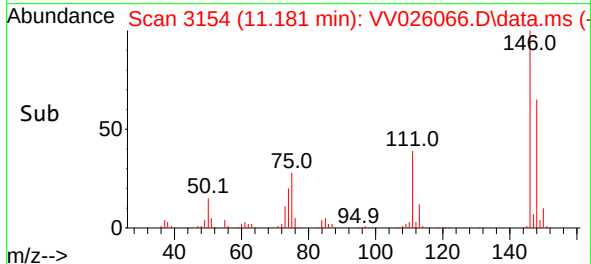
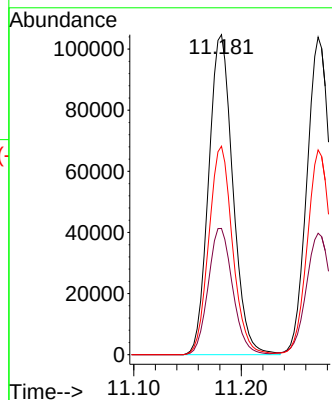
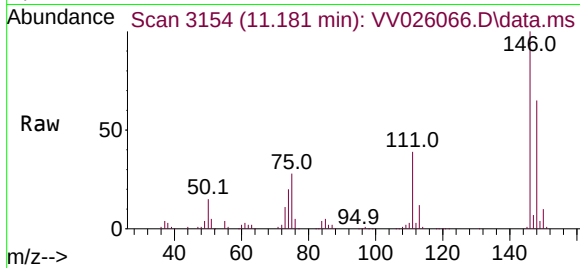




#64
1,3-Dichlorobenzene
Concen: 5.184 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

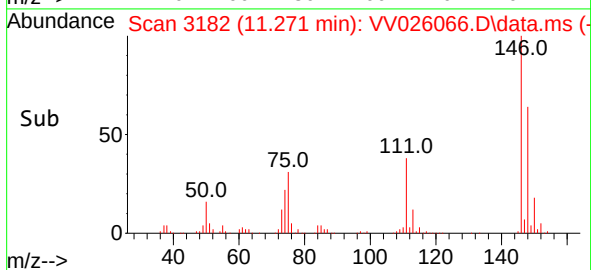
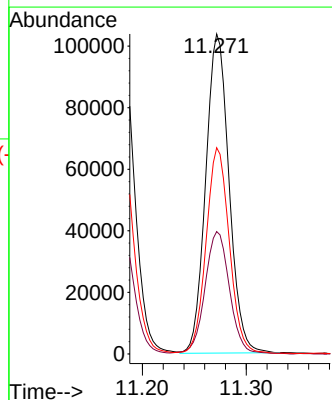
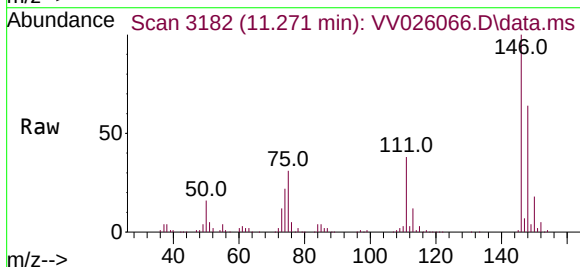
Instrument :
MSVOA_V
ClientSampleId :
VSTD005301

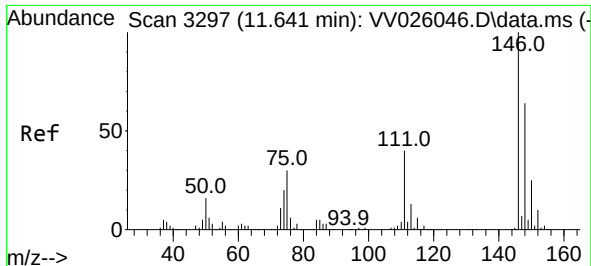
Tgt Ion:146 Resp: 163636
Ion Ratio Lower Upper
146 100
111 39.4 27.9 51.9
148 65.1 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 5.027 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

Tgt Ion:146 Resp: 161584
Ion Ratio Lower Upper
146 100
111 38.3 27.1 50.3
148 64.5 43.8 81.4

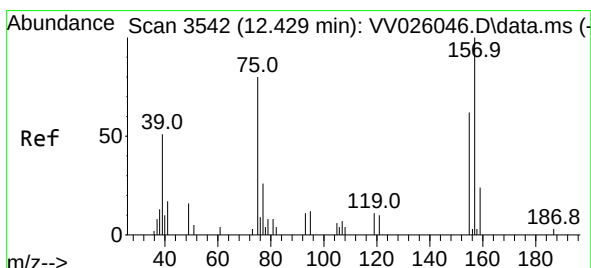
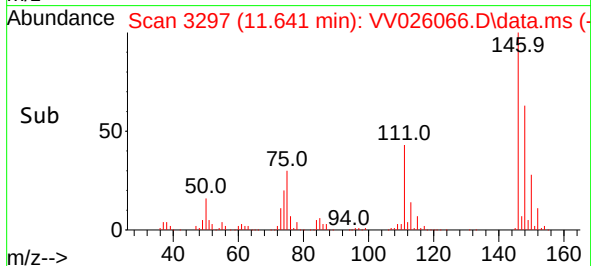
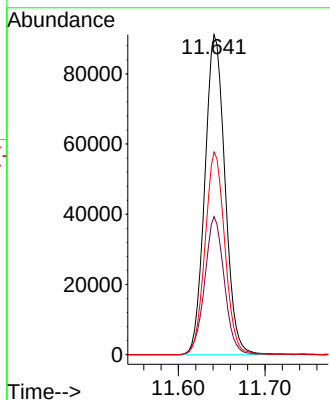
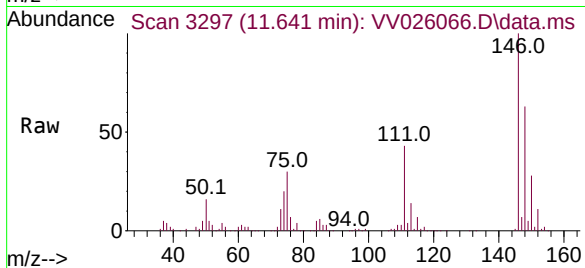




#67
1,2-Dichlorobenzene
Concen: 5.278 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

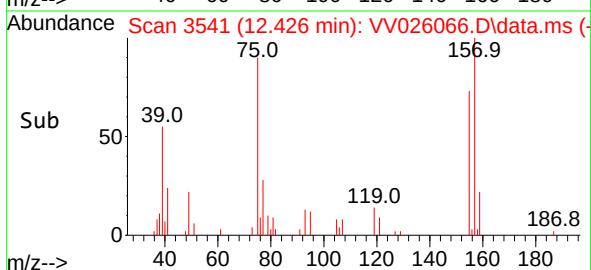
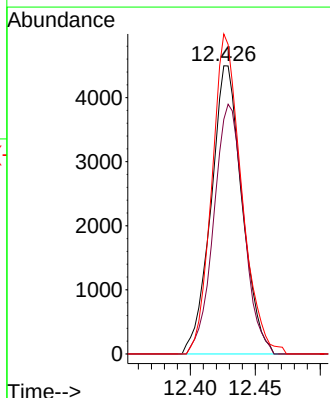
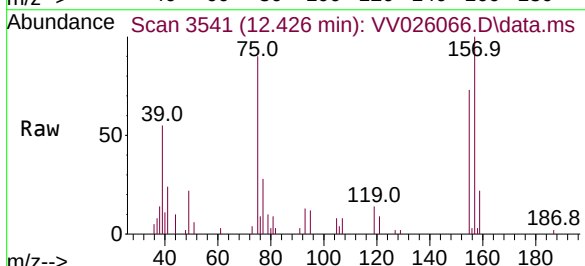
Instrument :
MSVOA_V
ClientSampleId :
VSTD005301

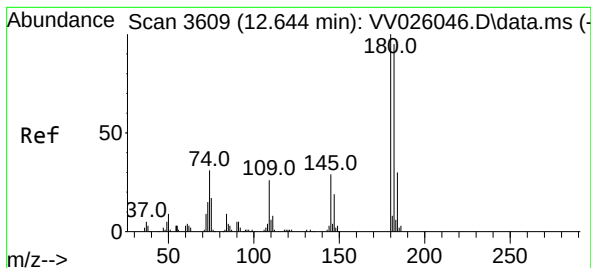
Tgt Ion:146 Resp: 147341
Ion Ratio Lower Upper
146 100
111 43.1 33.9 50.9
148 63.3 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 5.365 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

Tgt Ion: 75 Resp: 7441
Ion Ratio Lower Upper
75 100
155 81.4 68.0 102.0
157 111.1 89.7 134.5





#69

1,3,5-Trichlorobenzene

Concen: 4.610 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV026066.D

Acq: 09 Jun 2022 20:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD005301

Tgt Ion:180 Resp: 105381

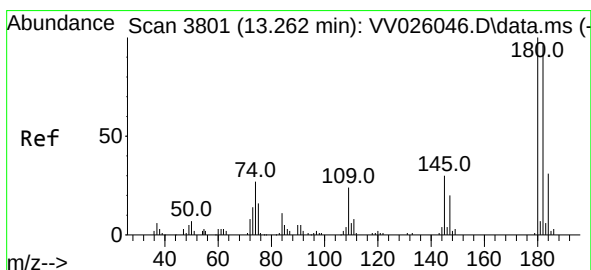
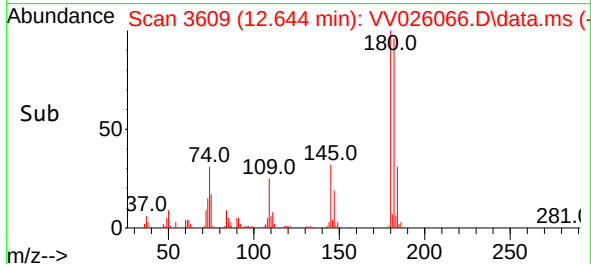
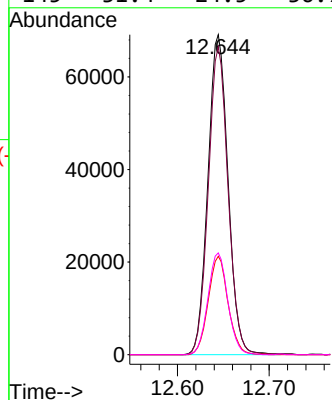
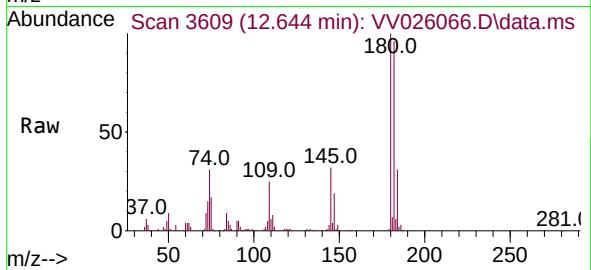
Ion Ratio Lower Upper

180 100

182 94.6 76.3 114.5

184 30.3 24.0 36.0

145 31.4 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.880 ug/L

RT: 13.262 min Scan# 3801

Delta R.T. 0.000 min

Lab File: VV026066.D

Acq: 09 Jun 2022 20:09

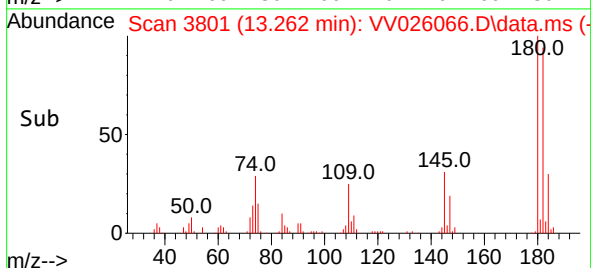
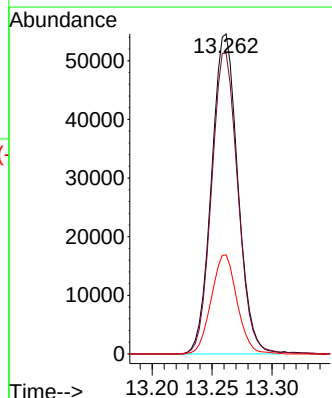
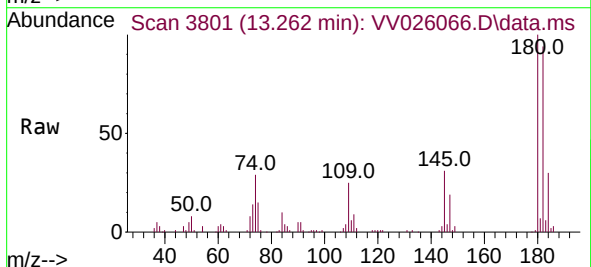
Tgt Ion:180 Resp: 83161

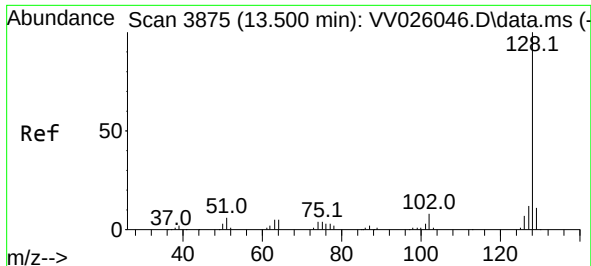
Ion Ratio Lower Upper

180 100

182 94.3 74.2 111.4

145 30.4 24.1 36.1

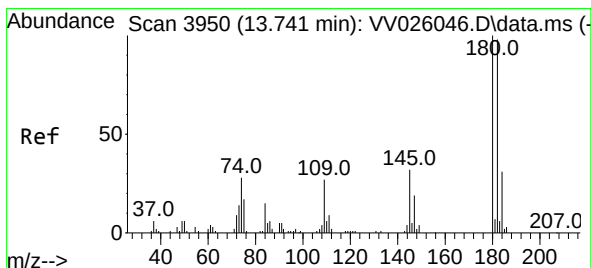
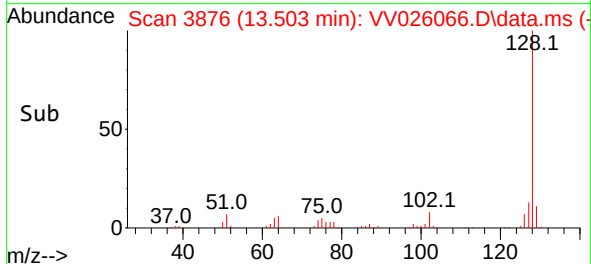
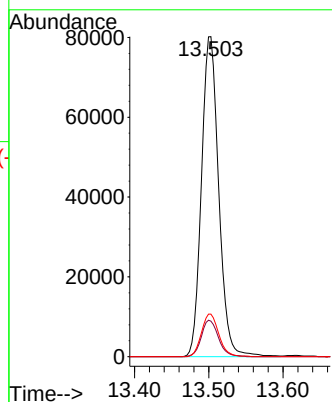
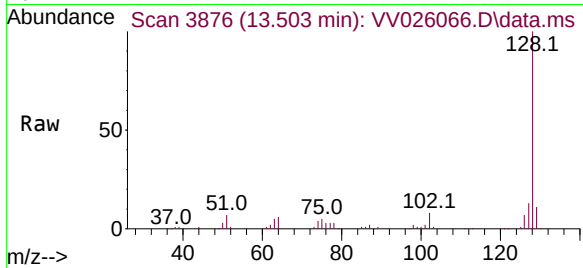




#71
Naphthalene
Concen: 5.351 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD005301

Tgt Ion:128 Resp: 129539
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.4 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.224 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV026066.D
Acq: 09 Jun 2022 20:09

Tgt Ion:180 Resp: 75347
Ion Ratio Lower Upper
180 100
182 95.8 74.0 111.0
145 32.8 25.5 38.3

