

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060922\
 Data File : VW026091.D
 Acq On : 10 Jun 2022 06:29
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

Quant Time: Jun 10 07:14:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 10 05:25:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	132392	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	123894	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55797	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	34448	4.433	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.600%	
7) Chloroethane-d5	1.577	69	41941	5.162	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.200%	
11) 1,1-Dichloroethene-d2	2.117	63	78022	4.346	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.000%	
20) 2-Butanone-d5	3.912	46	85167	74.094	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	148.180%#	
24) Chloroform-d	4.355	84	97149	5.898	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	118.000%	
26) 1,2-Dichloroethane-d4	5.040	65	43074	6.411	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	128.200%	
32) Benzene-d6	5.056	84	159674	5.333	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.600%	
36) 1,2-Dichloropropane-d6	6.072	67	57291	6.186	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	123.800%	
41) Toluene-d8	7.317	98	129668	4.901	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.000%	
43) trans-1,3-Dichloroprop...	7.625	79	14028	5.144	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.800%	
46) 2-Hexanone-d5	8.091	63	73375	61.146	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	122.300%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40201	6.437	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	128.800%#	
66) 1,2-Dichlorobenzene-d4	11.625	152	44641	5.229	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.140	85	48376	3.713	ug/L	99
3) Chloromethane	1.249	50	85136	5.835	ug/L	100
5) Vinyl chloride	1.320	62	75079	4.928	ug/L	99
6) Bromomethane	1.532	94	47844	5.417	ug/L	97
8) Chloroethane	1.593	64	51244	5.469	ug/L	100
9) Trichlorofluoromethane	1.764	101	79457	4.091	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	37714	3.408	ug/L	97
12) 1,1-Dichloroethene	2.127	96	47702	4.479	ug/L	99
13) Acetone	2.207	43	59967	65.415	ug/L	89
14) Carbon disulfide	2.304	76	130921	4.309	ug/L	100
15) Methyl Acetate	2.452	43	18202	6.075	ug/L #	82
16) Methylene chloride	2.516	84	65662	6.188	ug/L	96
17) Methyl tert-butyl Ether	2.777	73	111591	6.455	ug/L	99
18) trans-1,2-Dichloroethene	2.770	96	49433	4.922	ug/L	99
19) 1,1-Dichloroethane	3.198	63	108532	5.941	ug/L	98
21) 2-Butanone	3.995	43	89682	75.104	ug/L	98
22) cis-1,2-Dichloroethene	3.921	96	56514	5.709	ug/L	93
23) Bromochloromethane	4.259	128	25596	6.151	ug/L	98
25) Chloroform	4.381	83	111579	5.950	ug/L	98

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 QLast Update : Fri Jun 10 05:25:55 2022
 Response via : Initial Calibration

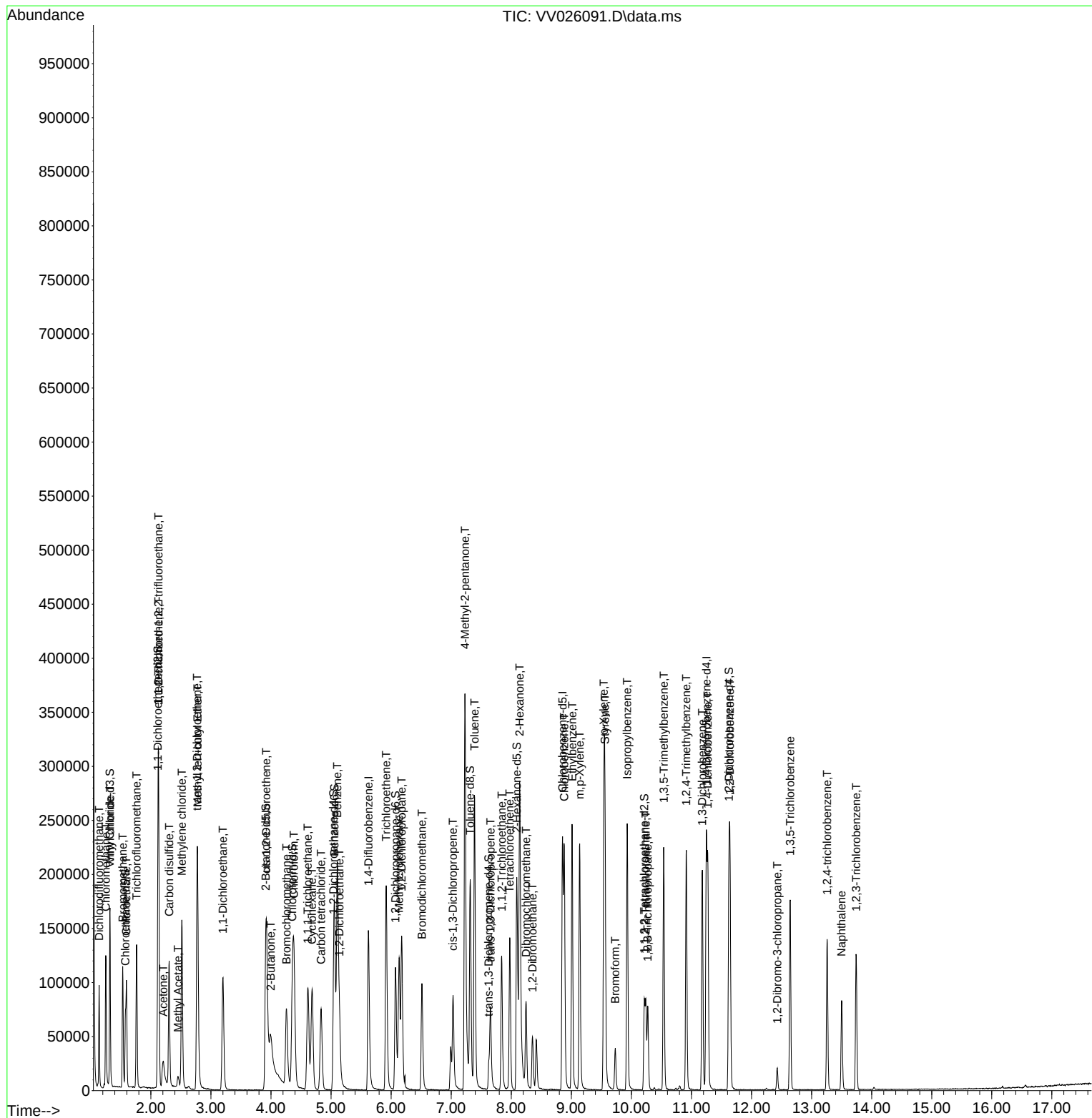
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	57563	6.209	ug/L	100
29) 1,1,1-Trichloroethane	4.612	97	77844	4.788	ug/L	99
30) Cyclohexane	4.683	56	45053	3.186	ug/L	96
31) Carbon tetrachloride	4.834	117	57702	4.322	ug/L	98
33) Benzene	5.104	78	213841	5.492	ug/L	100
34) Trichloroethene	5.918	95	67554	6.641	ug/L	97
35) Methylcyclohexane	6.133	83	47011	2.998	ug/L	98
37) 1,2-Dichloropropane	6.175	63	58121	6.159	ug/L	100
38) Bromodichloromethane	6.513	83	68891	6.044	ug/L	95
39) cis-1,3-Dichloropropene	7.030	75	57118	4.912	ug/L	94
40) 4-Methyl-2-pentanone	7.230	43	266996	69.266	ug/L	98
42) Toluene	7.387	91	200933	4.939	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	47229	5.185	ug/L	97
45) 1,1,2-Trichloroethane	7.841	97	40513	6.612	ug/L	97
47) Tetrachloroethene	7.976	164	30058	3.817	ug/L	97
48) 2-Hexanone	8.140	43	195366	71.403	ug/L	99
49) Dibromochloromethane	8.246	129	39820	5.953	ug/L	97
50) 1,2-Dibromoethane	8.352	107	34840	6.390	ug/L	98
51) Chlorobenzene	8.882	112	123679	4.671	ug/L	98
52) Ethylbenzene	9.014	91	171603	4.025	ug/L	99
53) m,p-Xylene	9.140	106	66604	4.041	ug/L	95
54) o-Xylene	9.542	106	67181	4.288	ug/L	97
55) Styrene	9.561	104	119402	4.550	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	39543	6.028	ug/L	98
59) Bromoform	9.731	173	16840	6.433	ug/L	99
60) Isopropylbenzene	9.931	105	155564	4.195	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	31684	7.275	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	118451	4.034	ug/L	97
63) 1,2,4-Trimethylbenzene	10.915	105	120743	4.129	ug/L	98
64) 1,3-Dichlorobenzene	11.181	146	85101	4.831	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	81980	4.570	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	78855	5.061	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5273	6.813	ug/L	89
69) 1,3,5-Trichlorobenzene	12.644	180	52196	4.092	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	41476	4.361	ug/L	97
71) Naphthalene	13.500	128	68464	5.067	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	37437	4.651	ug/L	99

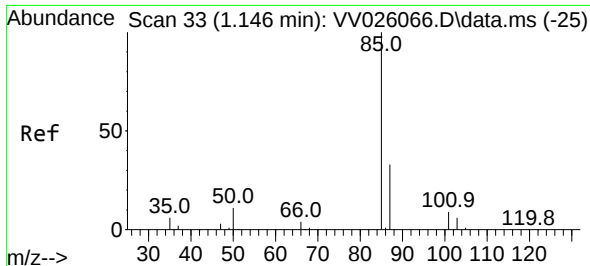
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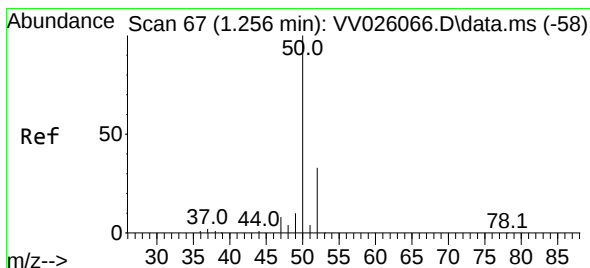
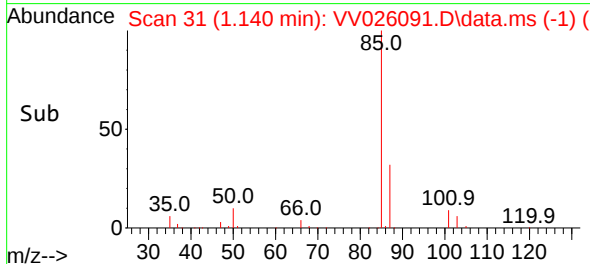
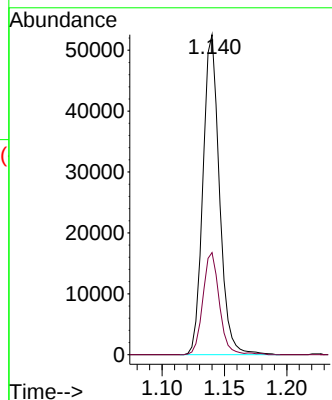
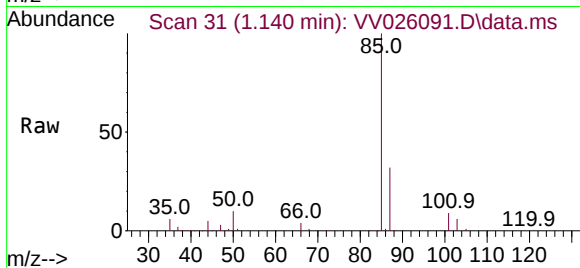




#2
 Dichlorodifluoromethane
 Concen: 3.713 ug/L
 RT: 1.140 min Scan# 31
 Delta R.T. -0.007 min
 Lab File: VV026091.D
 Acq: 10 Jun 2022 06:29

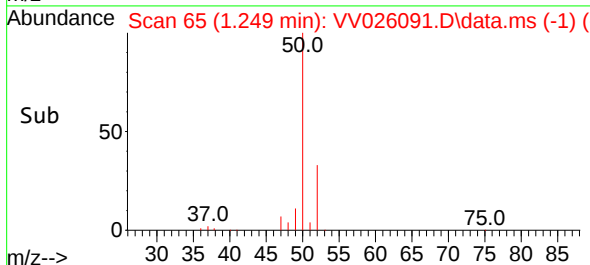
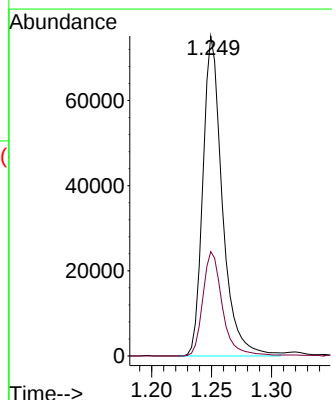
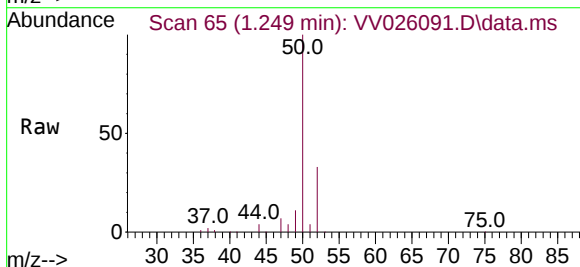
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

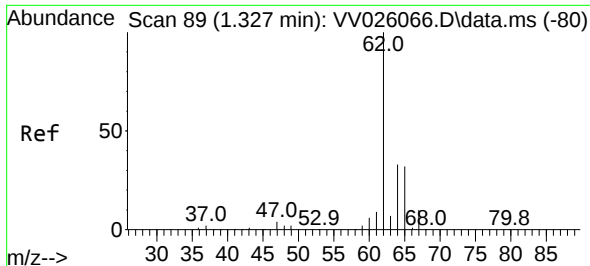
Tgt Ion: 85 Resp: 48376
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.3 37.9



#3
 Chloromethane
 Concen: 5.835 ug/L
 RT: 1.249 min Scan# 65
 Delta R.T. -0.007 min
 Lab File: VV026091.D
 Acq: 10 Jun 2022 06:29

Tgt Ion: 50 Resp: 85136
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.0 42.6

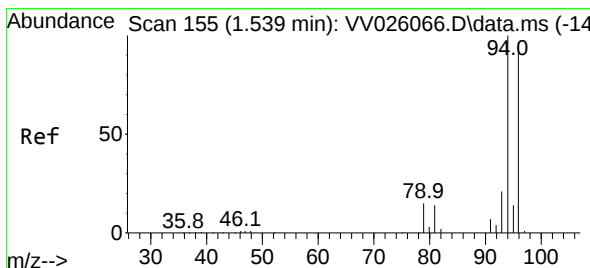
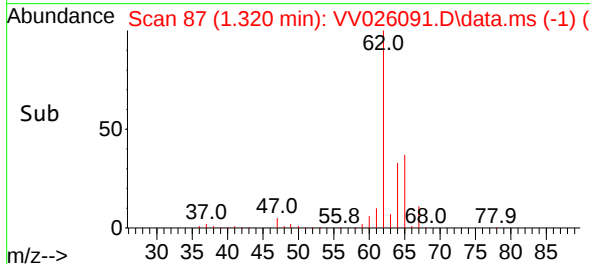
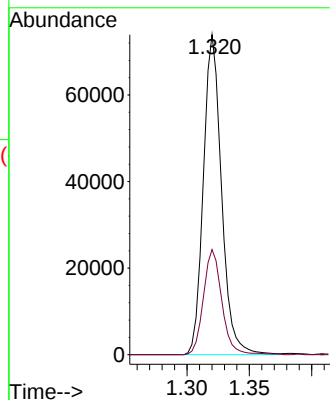
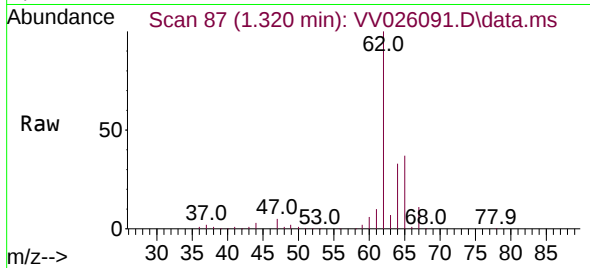




#5
 Vinyl chloride
 Concen: 4.928 ug/L
 RT: 1.320 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VV026091.D
 Acq: 10 Jun 2022 06:29

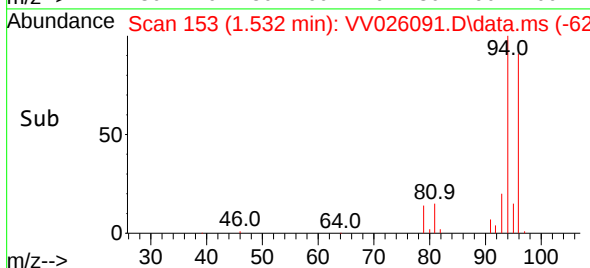
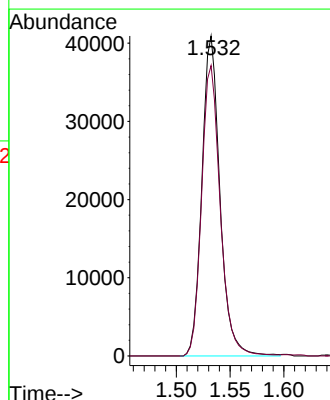
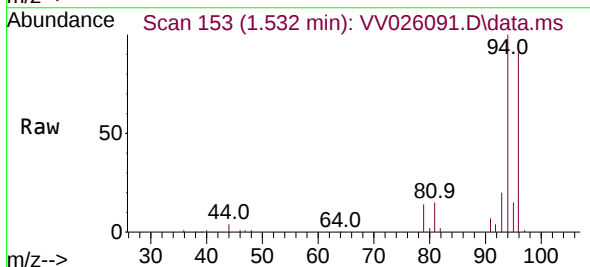
Instrument :
 MSVOA_V
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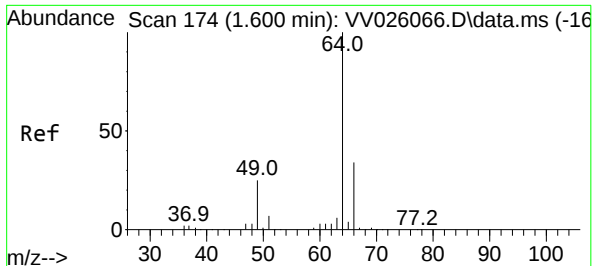
Tgt Ion: 62 Resp: 75079
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.4 43.4



#6
 Bromomethane
 Concen: 5.417 ug/L
 RT: 1.532 min Scan# 153
 Delta R.T. -0.007 min
 Lab File: VV026091.D
 Acq: 10 Jun 2022 06:29

Tgt Ion: 94 Resp: 47844
 Ion Ratio Lower Upper
 94 100
 96 90.8 65.5 121.6





#8

Chloroethane

Concen: 5.469 ug/L

RT: 1.593 min Scan# 11

Delta R.T. -0.007 min

Lab File: VV026091.D

Acq: 10 Jun 2022 06:29

Instrument :

MSVOA_V

ClientSampleId :

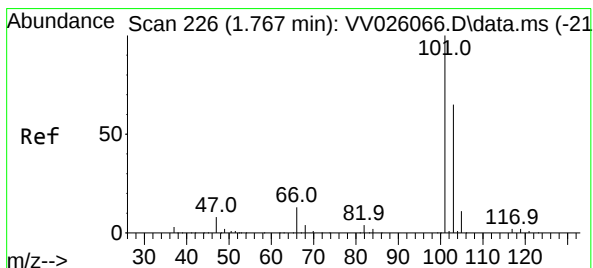
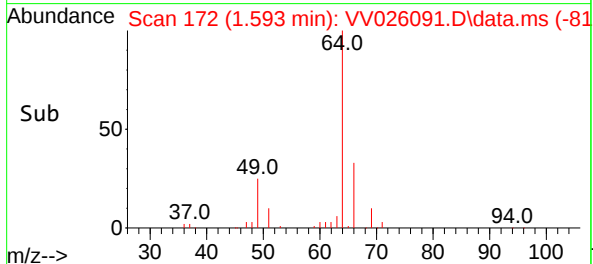
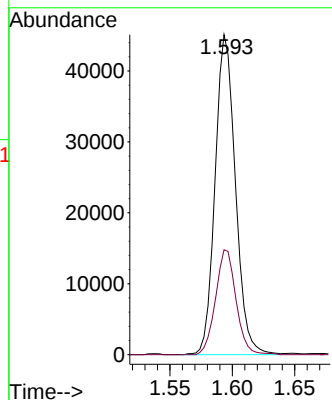
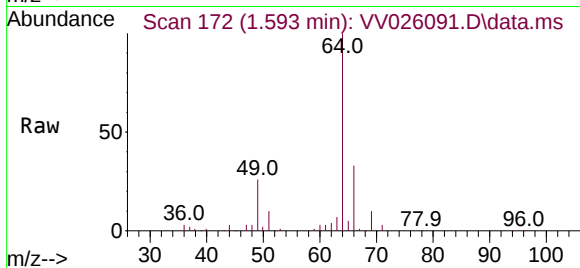
VSTD005302

Tgt Ion: 64 Resp: 51244

Ion Ratio Lower Upper

64 100

66 32.8 23.0 42.8



#9

Trichlorofluoromethane

Concen: 4.091 ug/L

RT: 1.764 min Scan# 225

Delta R.T. -0.003 min

Lab File: VV026091.D

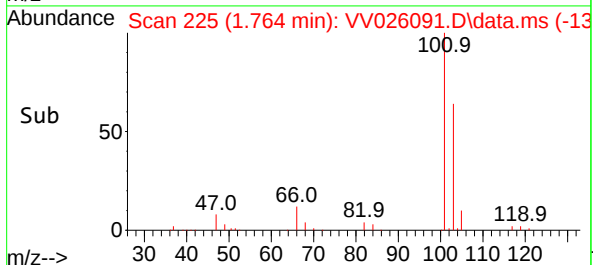
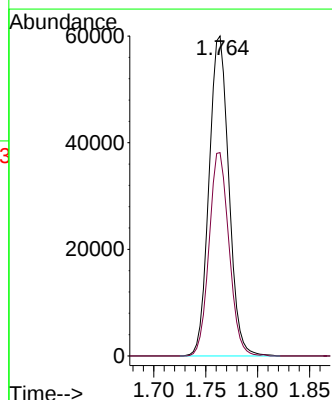
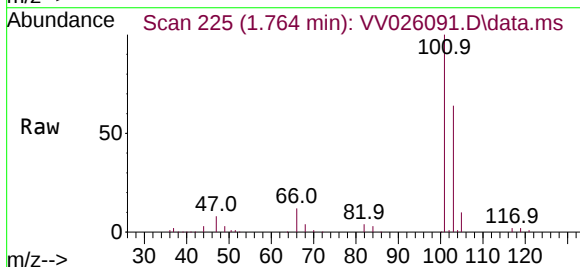
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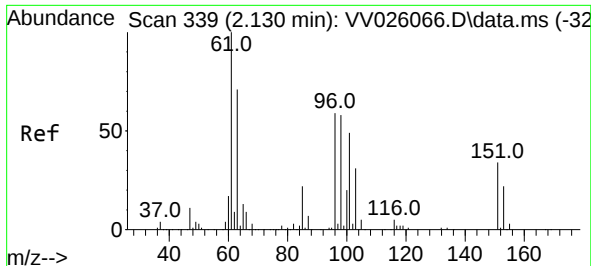
Tgt Ion:101 Resp: 79457

Ion Ratio Lower Upper

101 100

103 63.9 52.6 78.8

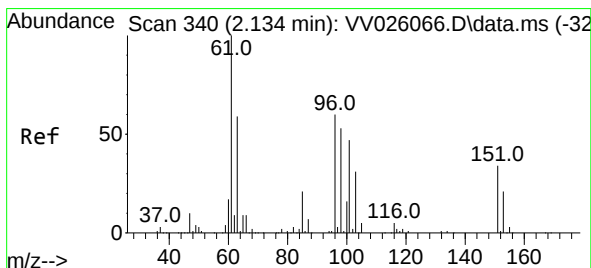
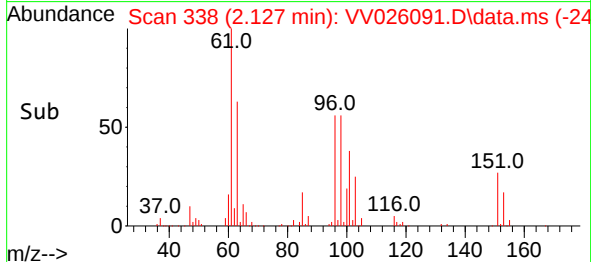
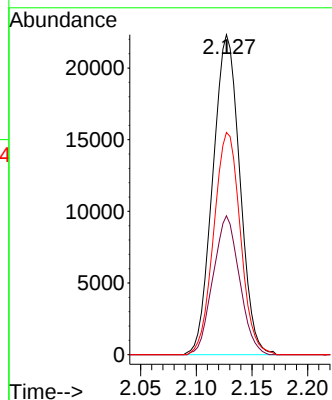
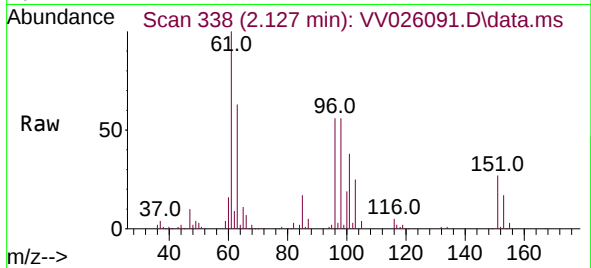




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.408 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.003 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

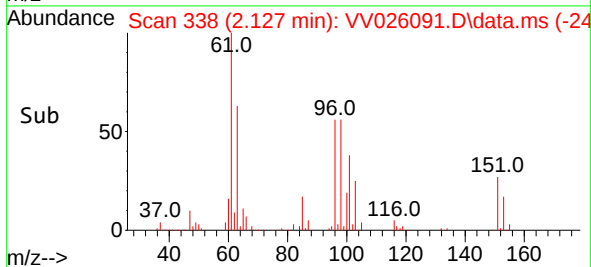
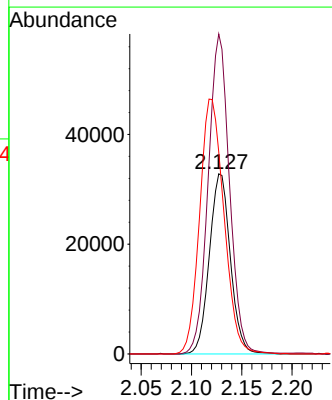
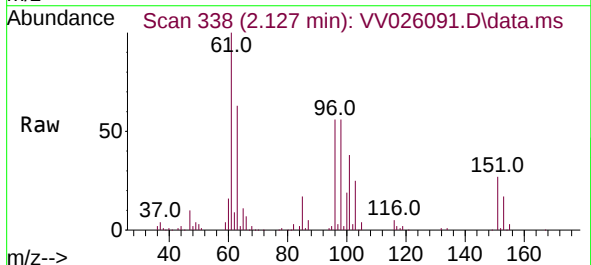
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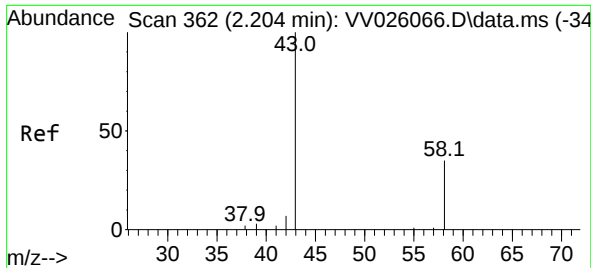
Tgt Ion:101 Resp: 37714
Ion Ratio Lower Upper
101 100
85 42.5 35.6 53.4
151 68.5 56.4 84.6



#12
1,1-Dichloroethene
Concen: 4.479 ug/L
RT: 2.127 min Scan# 338
Delta R.T. -0.007 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

Tgt Ion: 96 Resp: 47702
Ion Ratio Lower Upper
96 100
61 177.6 122.6 227.6
63 112.1 78.5 145.9





#13

Acetone

Concen: 65.415 ug/L

RT: 2.207 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV026091.D

Acq: 10 Jun 2022 06:29

Instrument :

MSVOA_V

ClientSampleId :

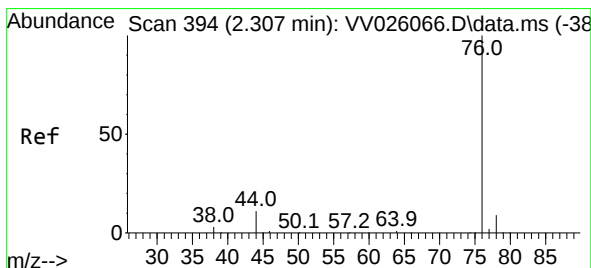
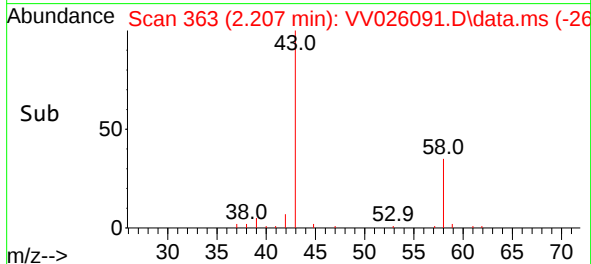
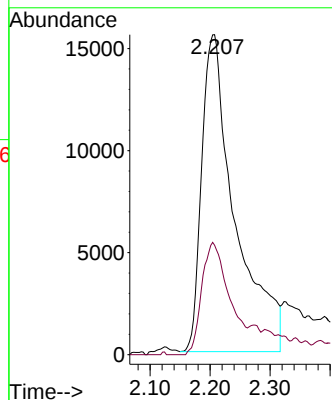
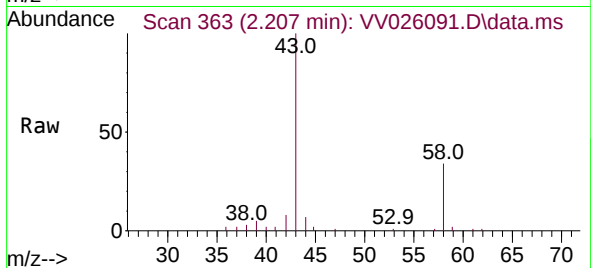
VSTD005302

Tgt Ion: 43 Resp: 59967

Ion Ratio Lower Upper

43 100

58 29.4 0.0 47.6



#14

Carbon disulfide

Concen: 4.309 ug/L

RT: 2.304 min Scan# 393

Delta R.T. -0.003 min

Lab File: VV026091.D

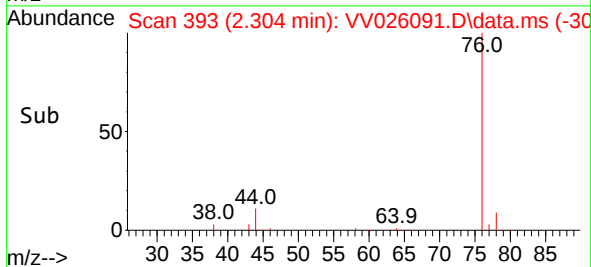
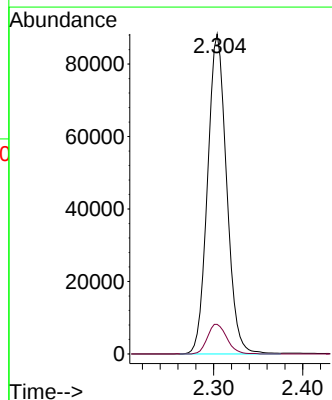
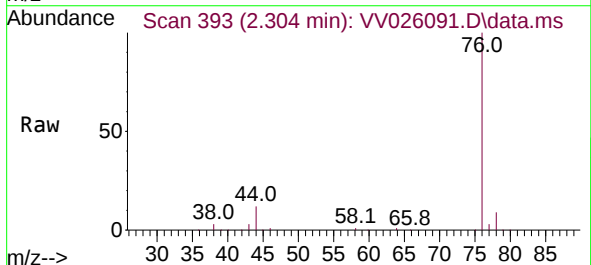
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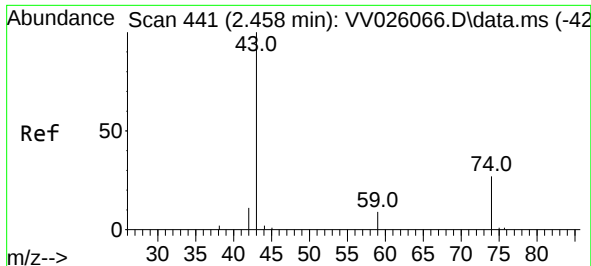
Tgt Ion: 76 Resp: 130921

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

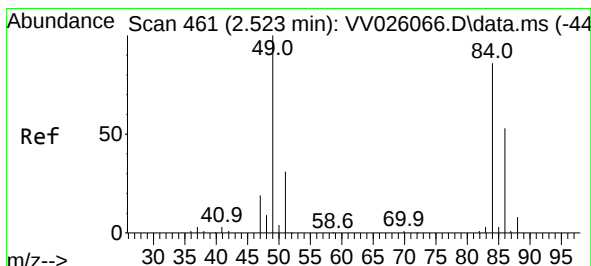
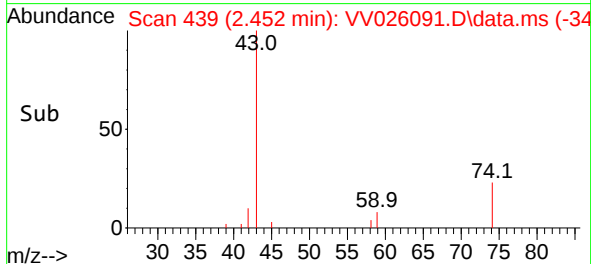
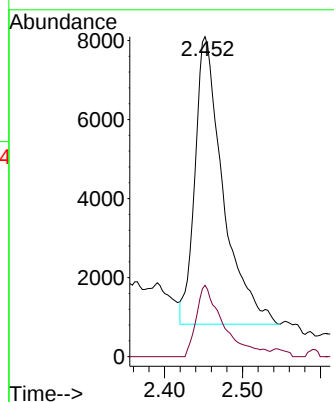
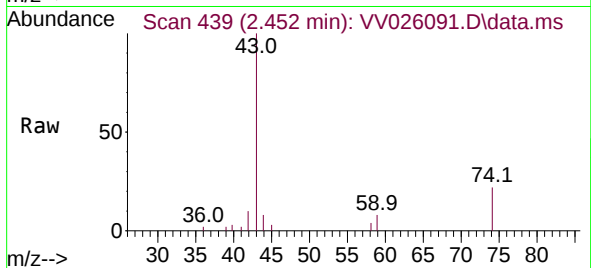




#15
Methyl Acetate
Concen: 6.075 ug/L
RT: 2.452 min Scan# 411
Delta R.T. -0.006 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

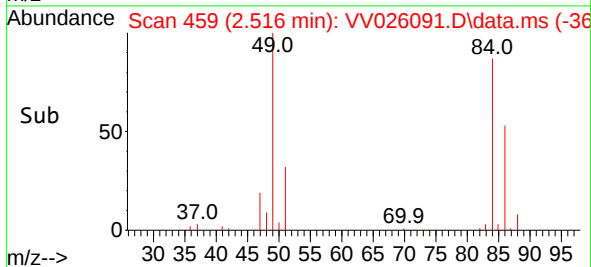
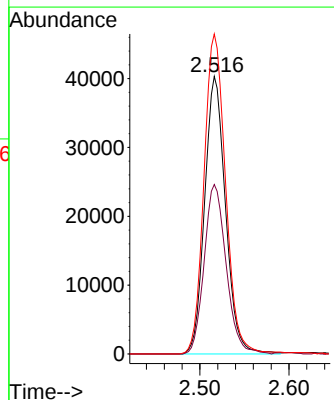
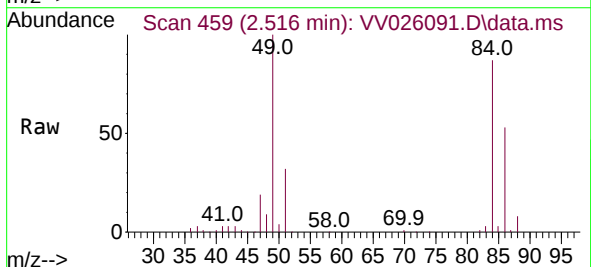
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

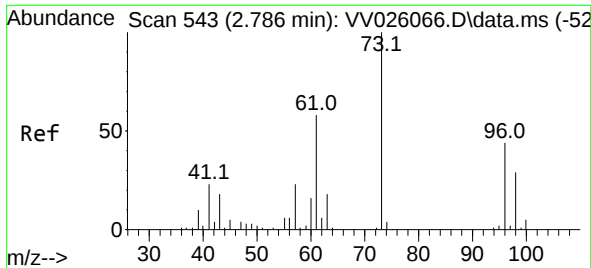
Tgt Ion: 43 Resp: 18202
Ion Ratio Lower Upper
43 100
74 24.3 13.3 19.9#



#16
Methylene chloride
Concen: 6.188 ug/L
RT: 2.516 min Scan# 459
Delta R.T. -0.007 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

Tgt Ion: 84 Resp: 65662
Ion Ratio Lower Upper
84 100
86 61.1 45.6 84.6
49 115.3 82.9 153.9

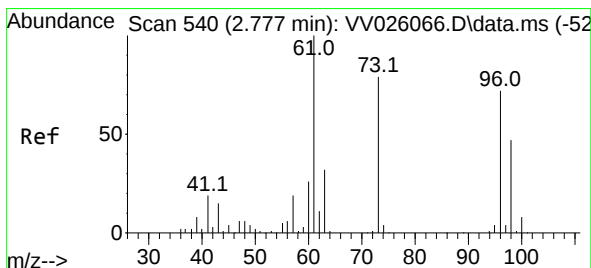
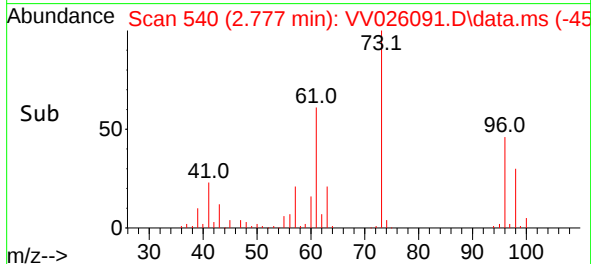
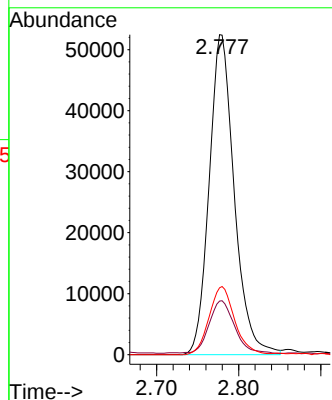
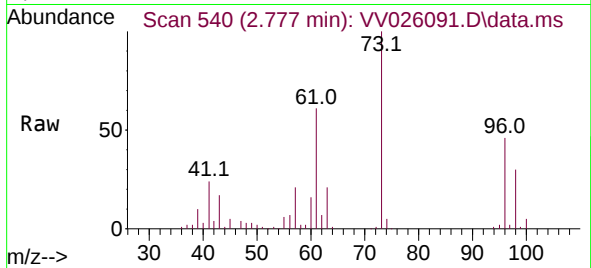




#17
Methyl tert-butyl Ether
Concen: 6.455 ug/L
RT: 2.777 min Scan# 54
Delta R.T. -0.010 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

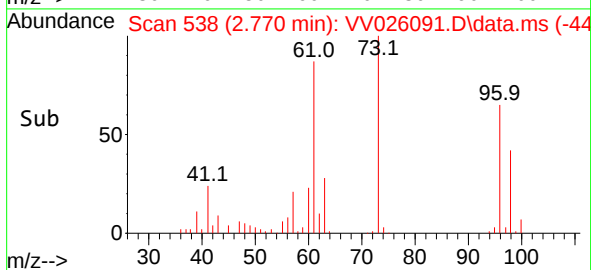
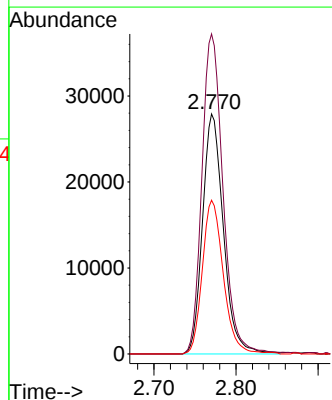
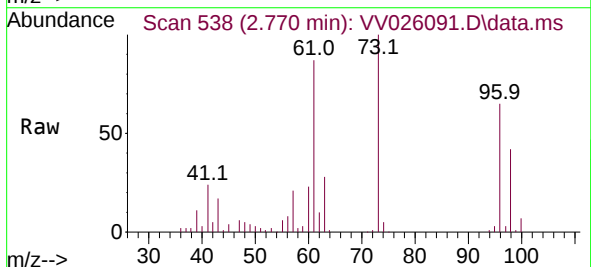
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

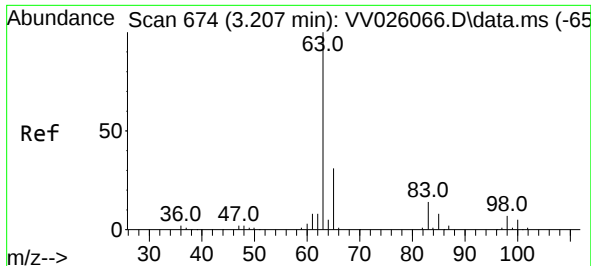
Tgt Ion: 73 Resp: 111591
Ion Ratio Lower Upper
73 100
43 16.7 13.7 20.5
57 21.7 17.8 26.6



#18
trans-1,2-Dichloroethene
Concen: 4.922 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.006 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

Tgt Ion: 96 Resp: 49433
Ion Ratio Lower Upper
96 100
61 133.3 94.3 175.1
98 64.1 44.4 82.5





#19

1,1-Dichloroethane

Concen: 5.941 ug/L

RT: 3.198 min Scan# 61

Delta R.T. -0.010 min

Lab File: VV026091.D

Acq: 10 Jun 2022 06:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD005302

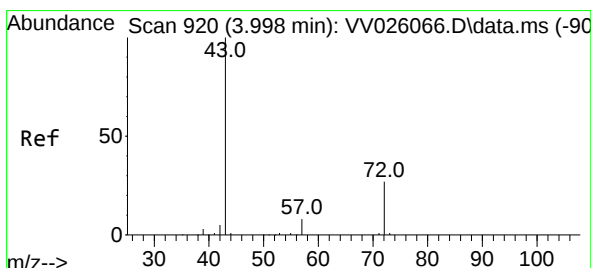
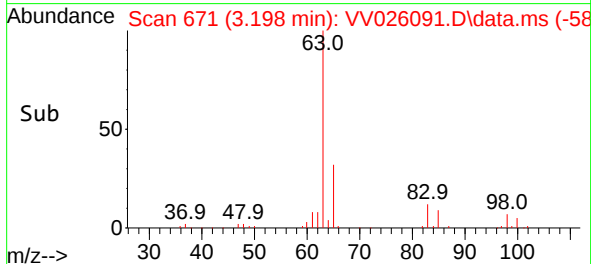
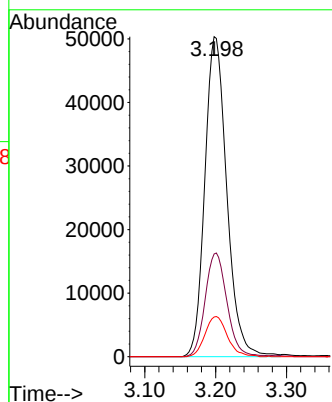
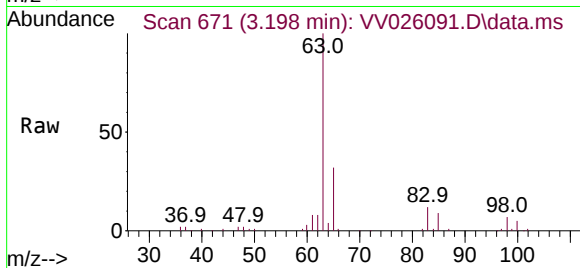
Tgt Ion: 63 Resp: 108532

Ion Ratio Lower Upper

63 100

65 32.1 23.1 42.9

83 12.4 9.7 18.1



#21

2-Butanone

Concen: 75.104 ug/L

RT: 3.995 min Scan# 919

Delta R.T. -0.003 min

Lab File: VV026091.D

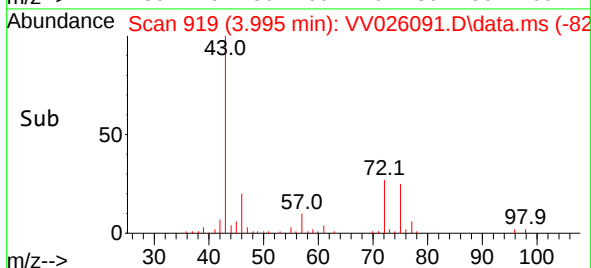
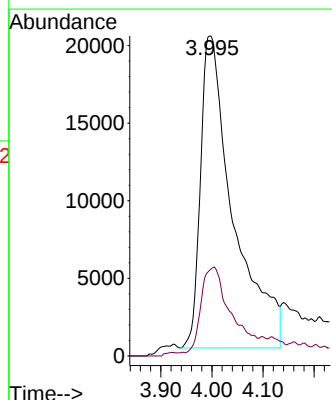
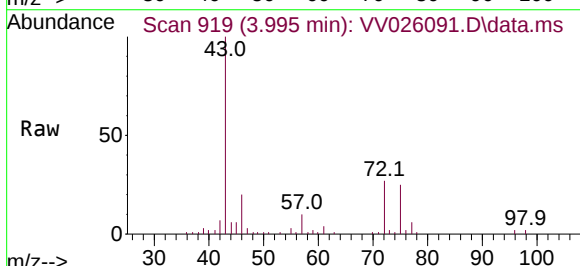
Acq: 10 Jun 2022 06:29

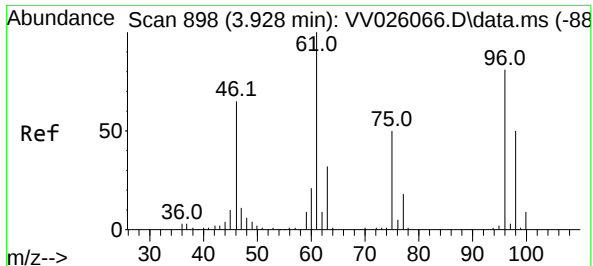
Tgt Ion: 43 Resp: 89682

Ion Ratio Lower Upper

43 100

72 24.7 11.9 35.7

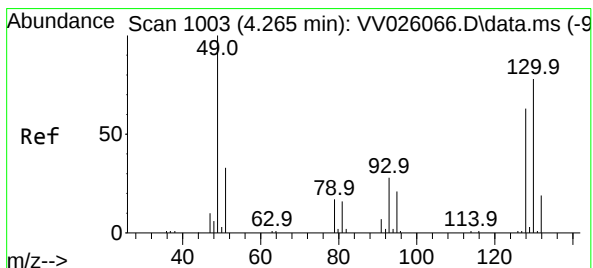
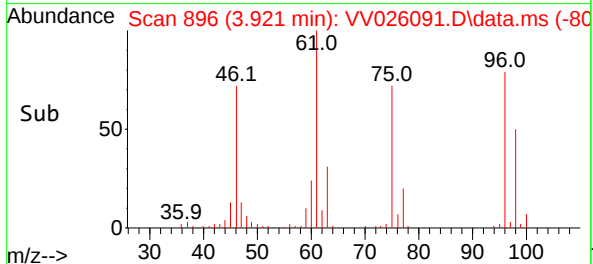
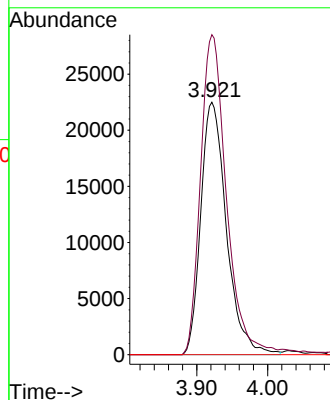
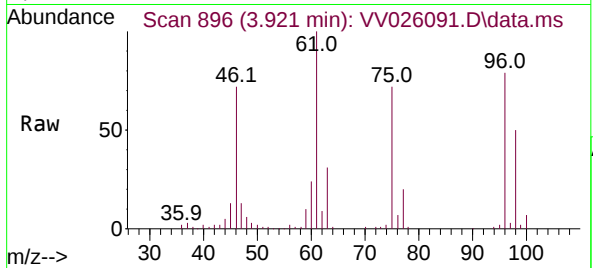




#22
cis-1,2-Dichloroethene
Concen: 5.709 ug/L
RT: 3.921 min Scan# 896
Delta R.T. -0.006 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

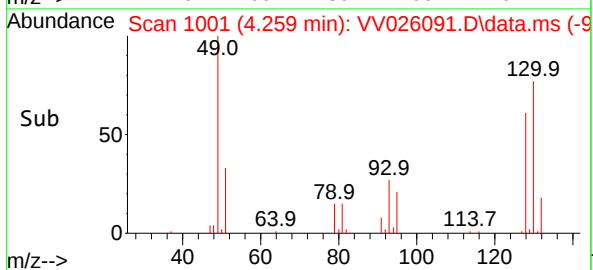
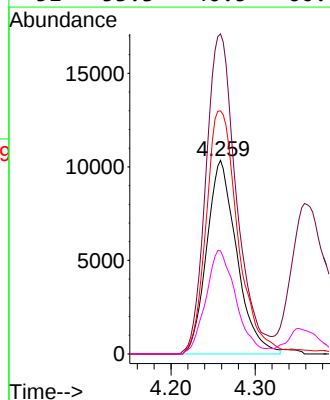
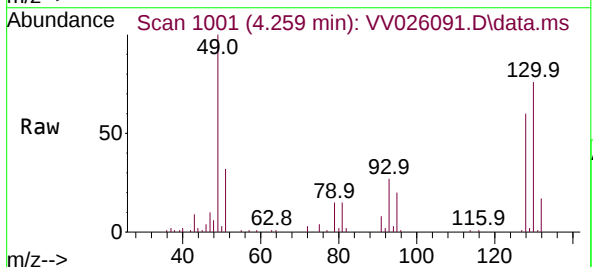
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

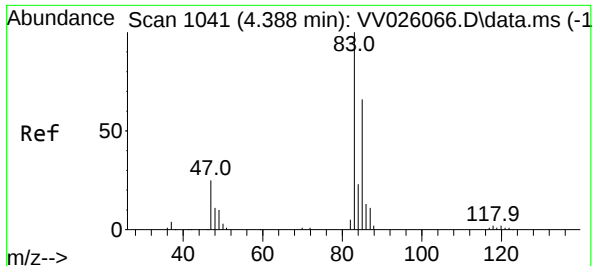
Tgt Ion: 96 Resp: 56514
Ion Ratio Lower Upper
96 100
61 126.8 83.1 154.3
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 6.151 ug/L
RT: 4.259 min Scan# 1001
Delta R.T. -0.007 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

Tgt Ion:128 Resp: 25596
Ion Ratio Lower Upper
128 100
49 165.3 112.8 209.4
130 125.6 87.4 162.4
51 53.3 40.5 60.7





#25

Chloroform

Concen: 5.950 ug/L

RT: 4.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV026091.D

Acq: 10 Jun 2022 06:29

Instrument :

MSVOA_V

ClientSampleId :

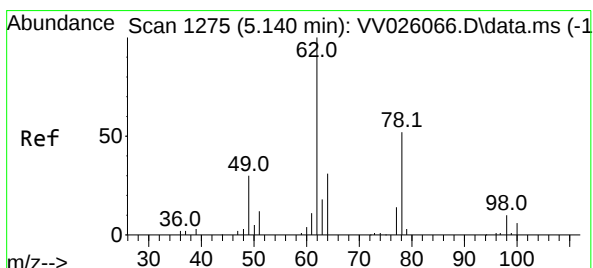
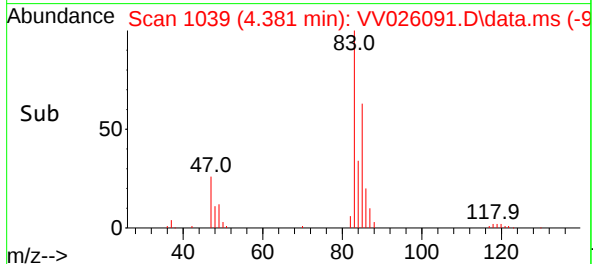
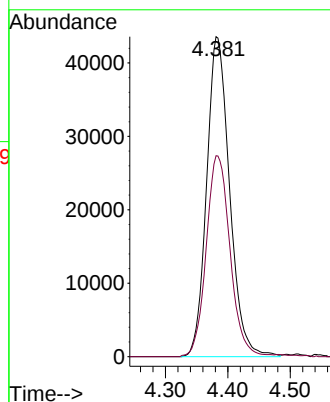
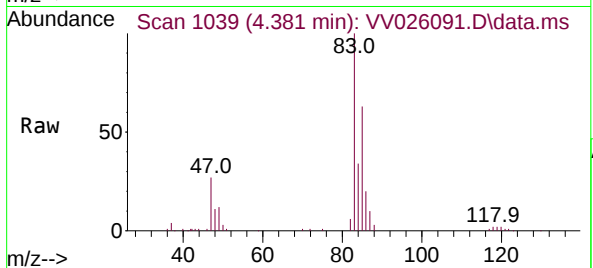
VSTD005302

Tgt Ion: 83 Resp: 111579

Ion Ratio Lower Upper

83 100

85 62.8 45.2 84.0



#27

1,2-Dichloroethane

Concen: 6.209 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VV026091.D

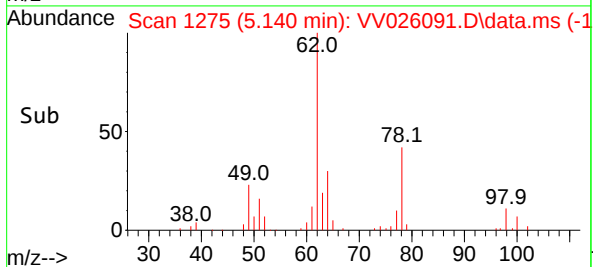
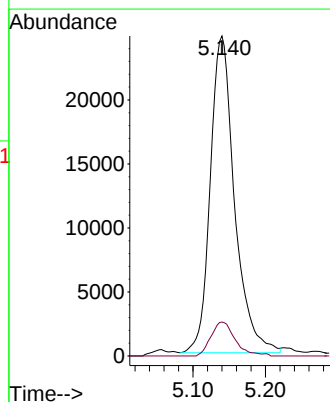
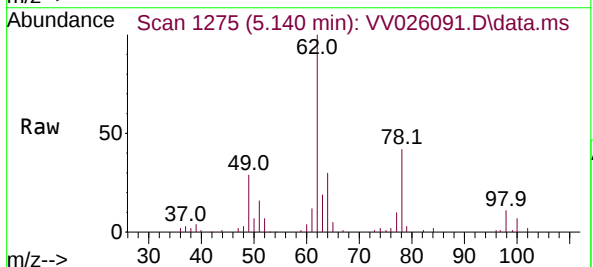
Acq: 10 Jun 2022 06:29

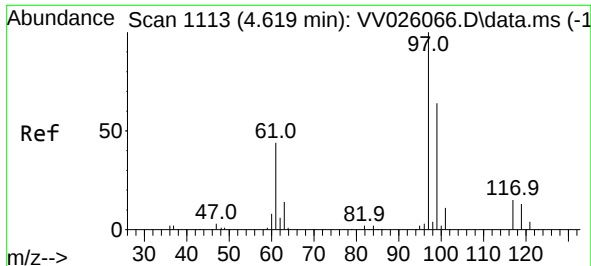
Tgt Ion: 62 Resp: 57563

Ion Ratio Lower Upper

62 100

98 10.6 8.5 12.7





#29

1,1,1-Trichloroethane

Concen: 4.788 ug/L

RT: 4.612 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VV026091.D

Acq: 10 Jun 2022 06:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD005302

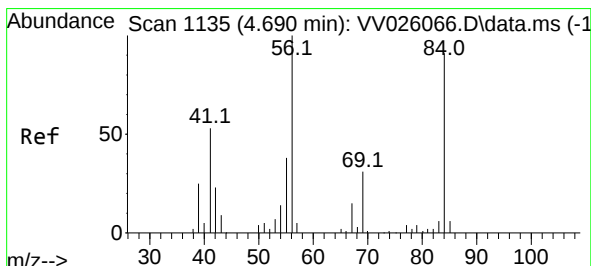
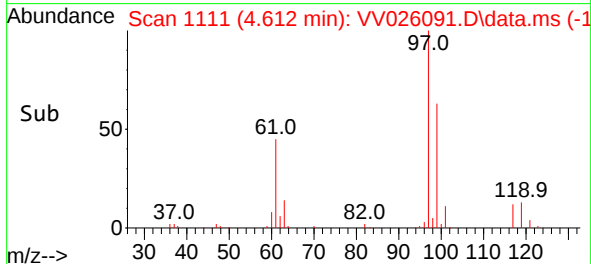
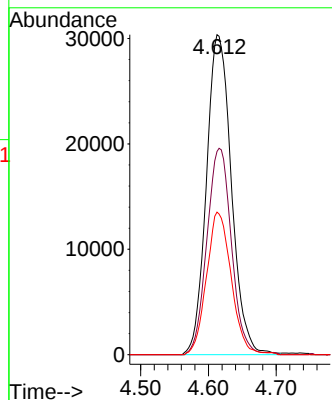
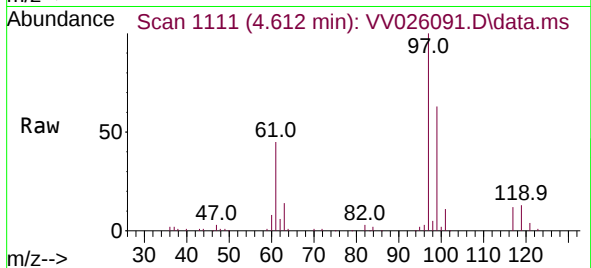
Tgt Ion: 97 Resp: 77844

Ion Ratio Lower Upper

97 100

99 63.4 51.4 77.0

61 44.2 34.9 52.3



#30

Cyclohexane

Concen: 3.186 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. -0.007 min

Lab File: VV026091.D

Acq: 10 Jun 2022 06:29

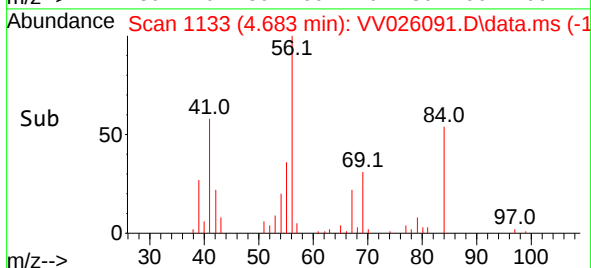
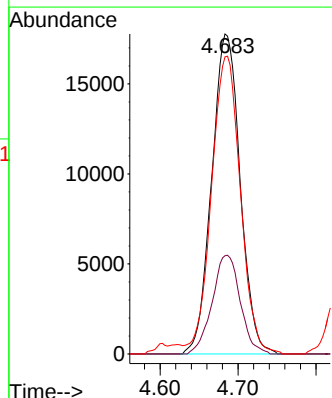
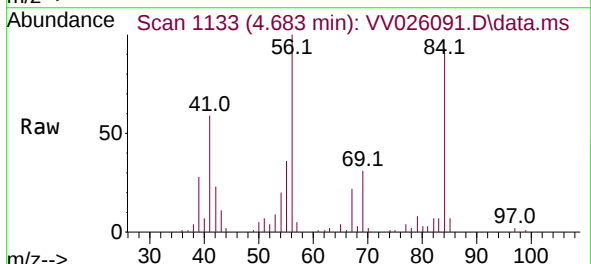
Tgt Ion: 56 Resp: 45053

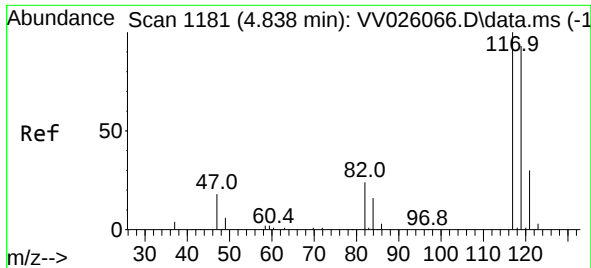
Ion Ratio Lower Upper

56 100

69 30.4 25.1 37.7

84 94.7 72.2 108.4

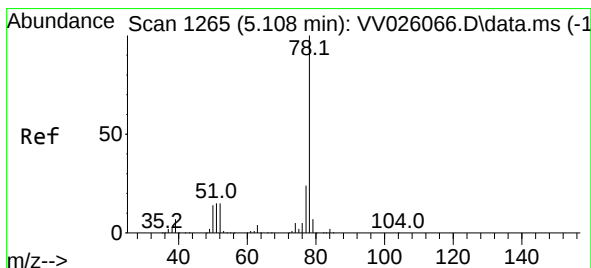
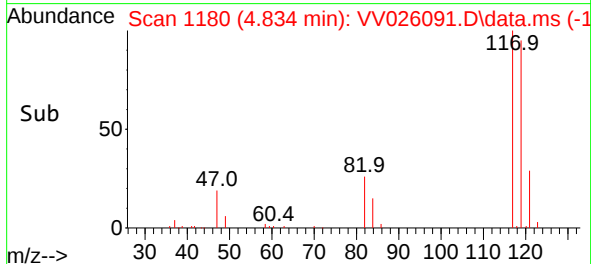
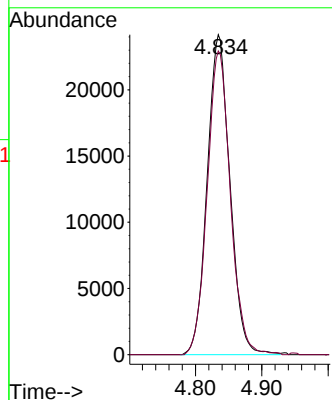
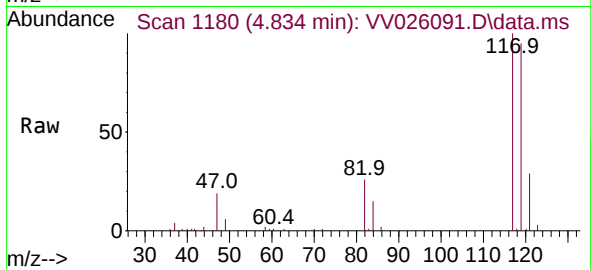




#31
Carbon tetrachloride
Concen: 4.322 ug/L
RT: 4.834 min Scan# 1181
Delta R.T. -0.003 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

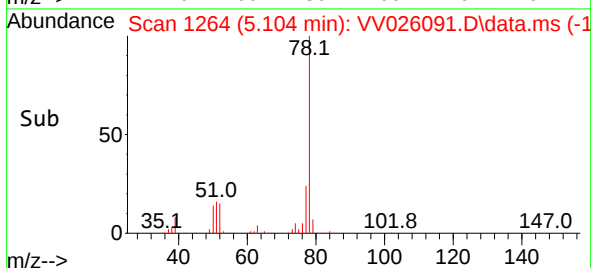
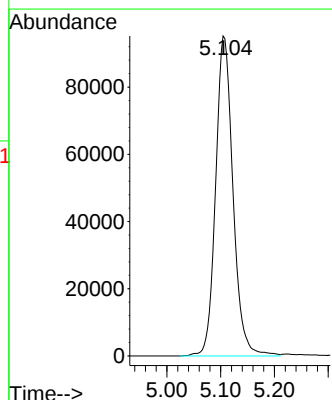
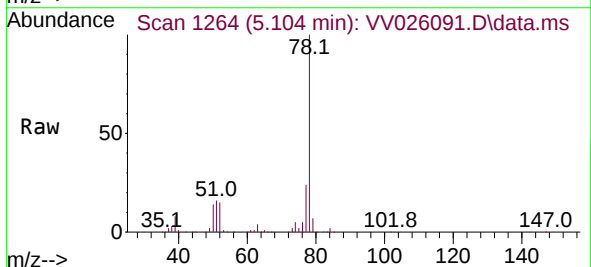
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

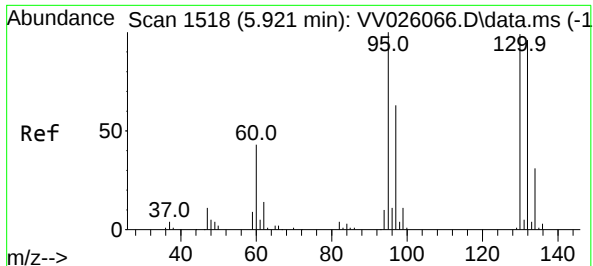
Tgt Ion:117 Resp: 57702
Ion Ratio Lower Upper
117 100
119 96.3 78.7 118.1



#33
Benzene
Concen: 5.492 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. -0.003 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

Tgt Ion: 78 Resp: 213841

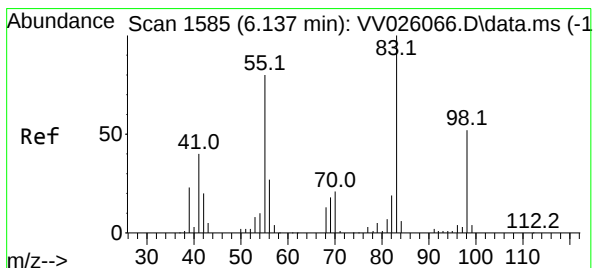
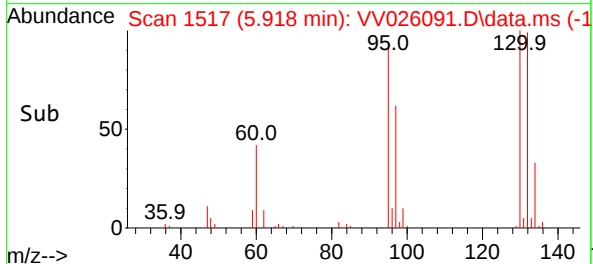
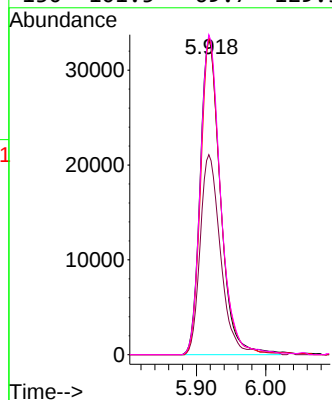
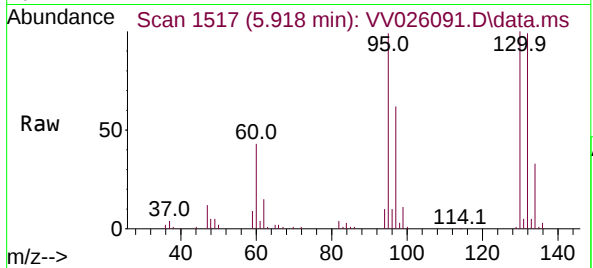




#34
Trichloroethene
Concen: 6.641 ug/L
RT: 5.918 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

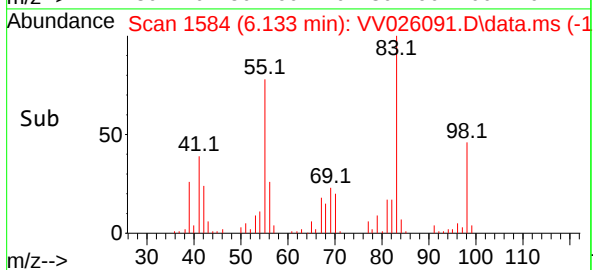
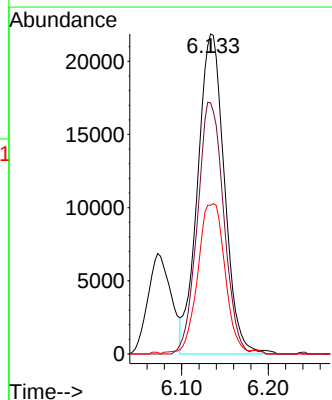
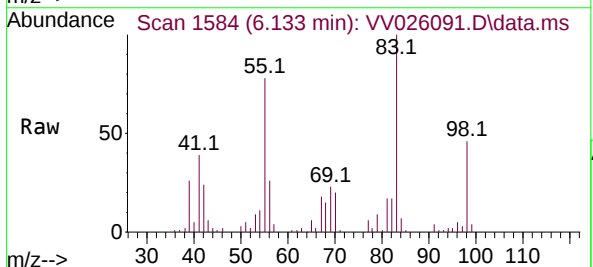
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

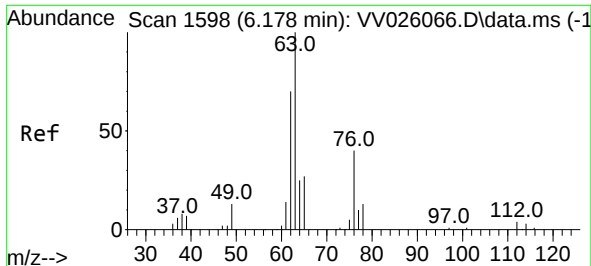
Tgt Ion: 95 Resp: 67554
Ion Ratio Lower Upper
95 100
97 63.4 44.0 81.6
132 100.6 67.5 125.4
130 101.5 69.7 129.5



#35
Methylcyclohexane
Concen: 2.998 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.003 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

Tgt Ion: 83 Resp: 47011
Ion Ratio Lower Upper
83 100
55 77.1 59.4 89.0
98 47.9 38.9 58.3





#37

1,2-Dichloropropane

Concen: 6.159 ug/L

RT: 6.175 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV026091.D

Acq: 10 Jun 2022 06:29

Instrument :

MSVOA_V

ClientSampleId :

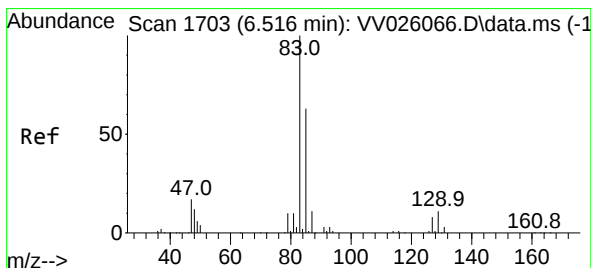
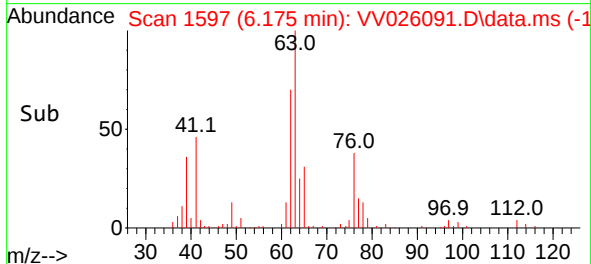
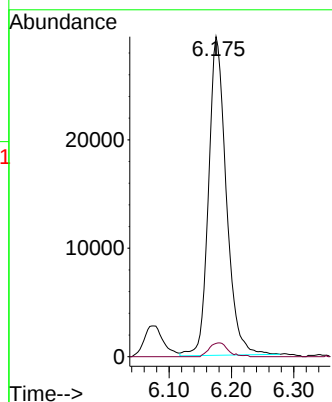
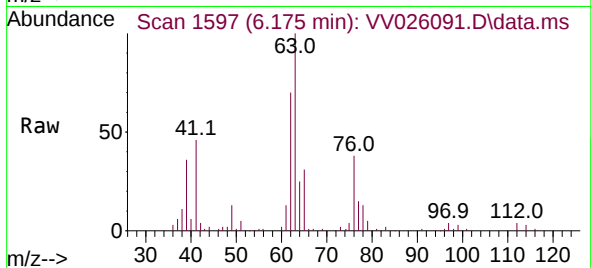
VSTD005302

Tgt Ion: 63 Resp: 58121

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 6.044 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. -0.003 min

Lab File: VV026091.D

Acq: 10 Jun 2022 06:29

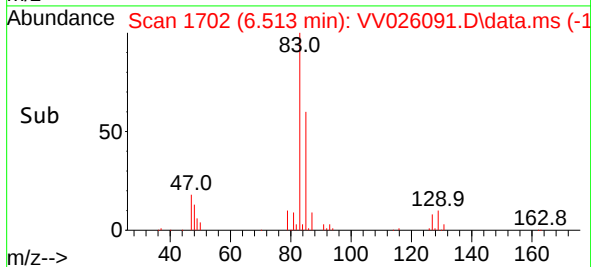
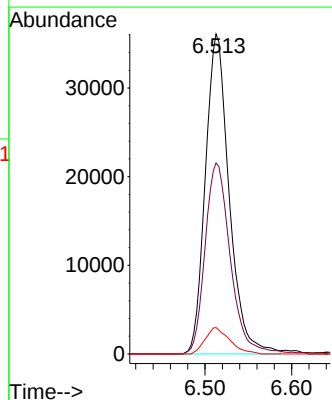
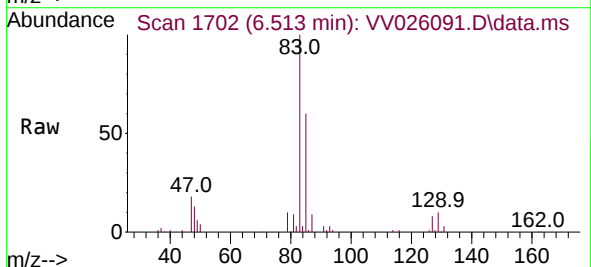
Tgt Ion: 83 Resp: 68891

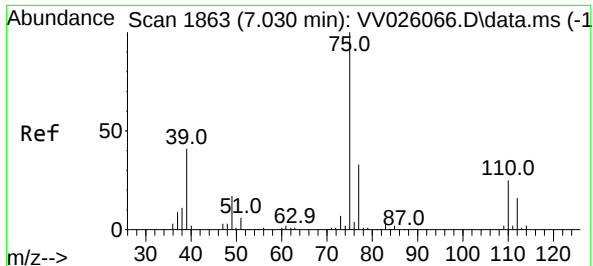
Ion Ratio Lower Upper

83 100

85 59.7 44.8 83.2

127 8.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.912 ug/L

RT: 7.030 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VV026091.D

Acq: 10 Jun 2022 06:29

Instrument :

MSVOA_V

ClientSampleId :

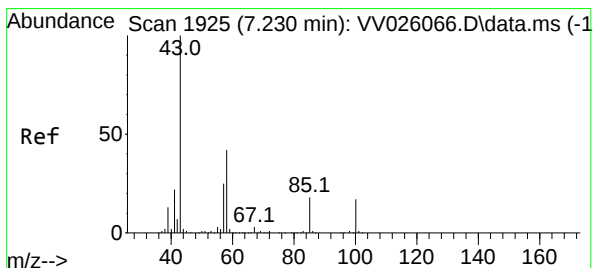
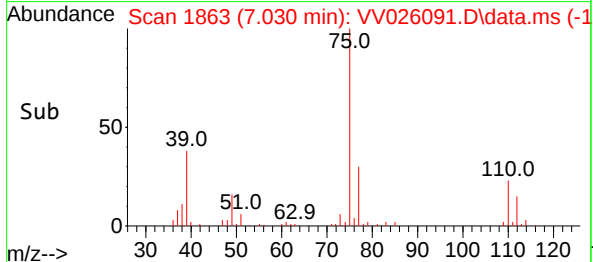
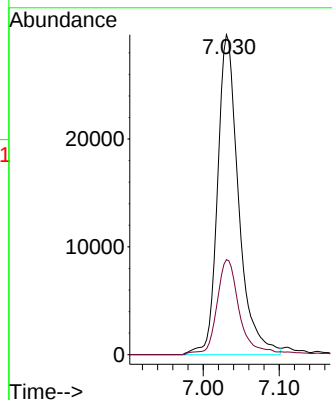
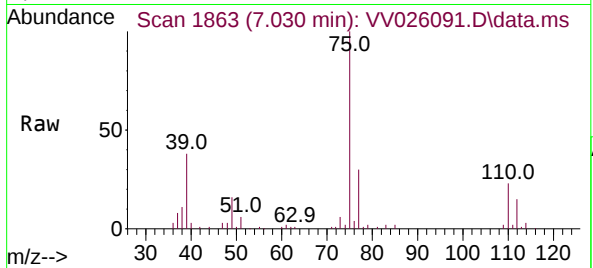
VSTD005302

Tgt Ion: 75 Resp: 57118

Ion Ratio Lower Upper

75 100

77 29.7 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 69.266 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. -0.000 min

Lab File: VV026091.D

Acq: 10 Jun 2022 06:29

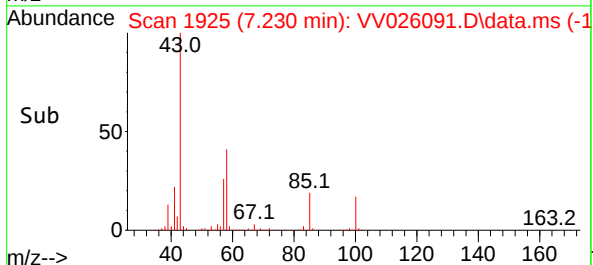
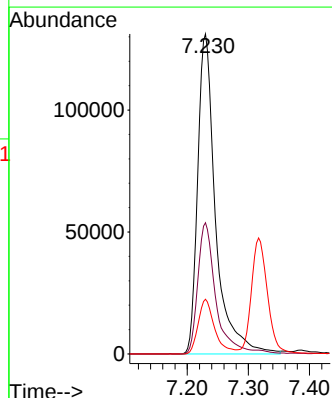
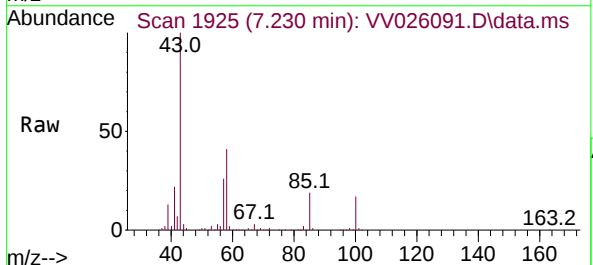
Tgt Ion: 43 Resp: 266996

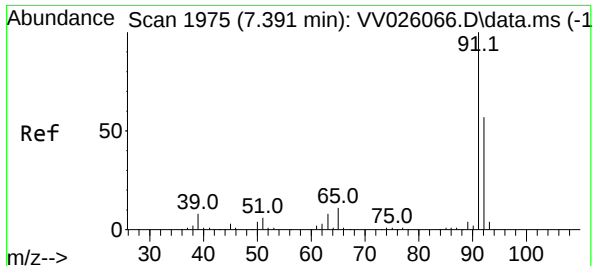
Ion Ratio Lower Upper

43 100

58 40.7 34.2 51.2

100 15.8 12.6 19.0





#42

Toluene

Concen: 4.939 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.003 min

Lab File: VV026091.D

Acq: 10 Jun 2022 06:29

Instrument :

MSVOA_V

ClientSampleId :

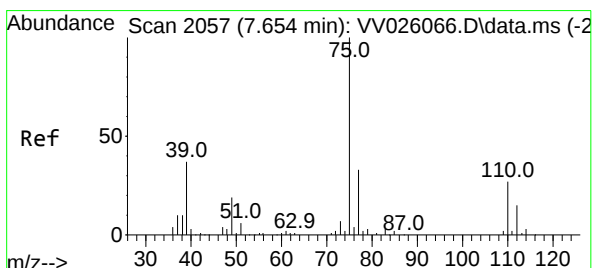
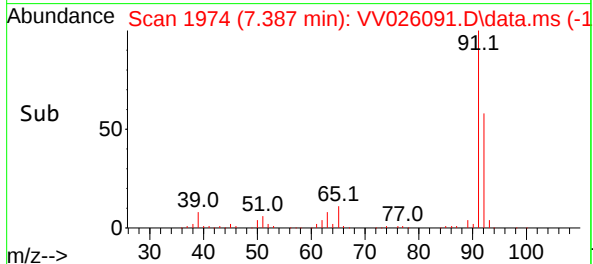
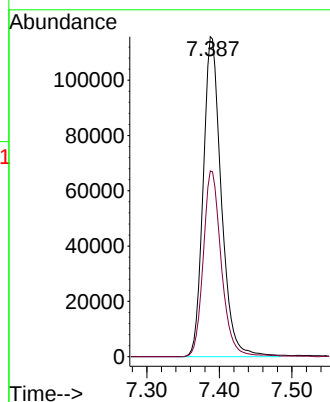
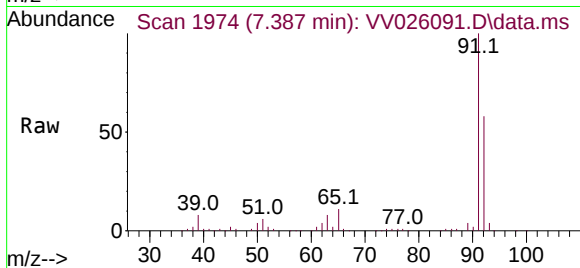
VSTD005302

Tgt Ion: 91 Resp: 200933

Ion Ratio Lower Upper

91 100

92 58.1 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 5.185 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VV026091.D

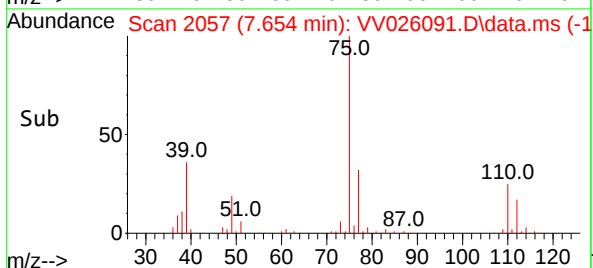
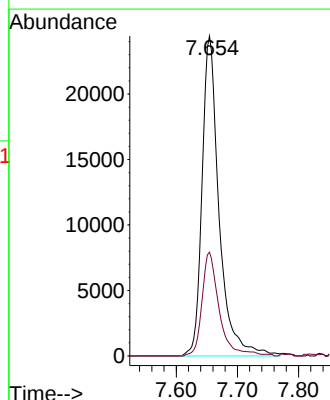
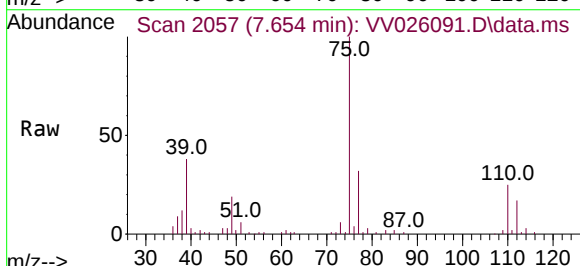
Acq: 10 Jun 2022 06:29

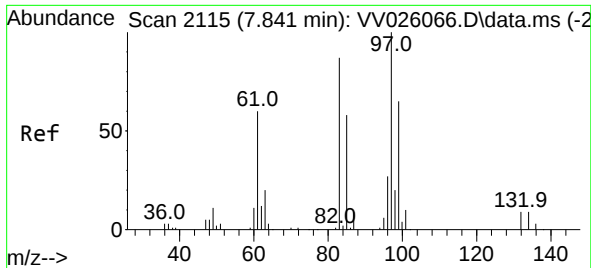
Tgt Ion: 75 Resp: 47229

Ion Ratio Lower Upper

75 100

77 32.5 21.7 40.3

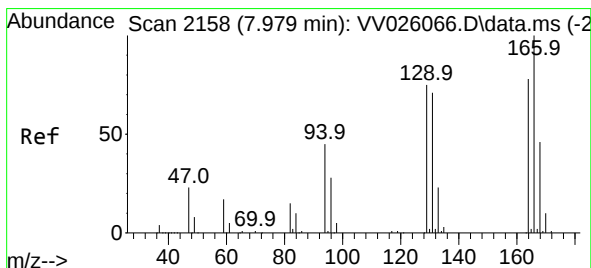
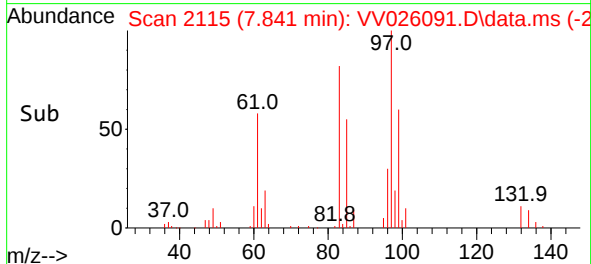
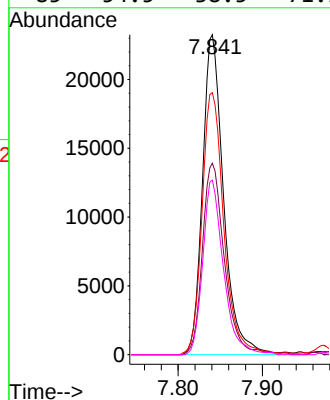
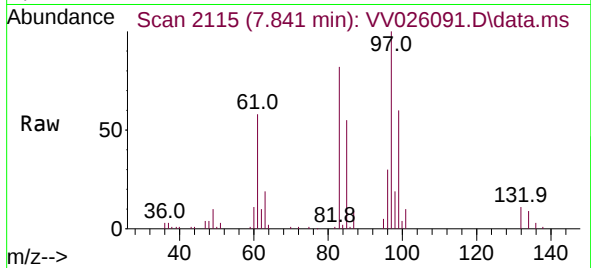




#45
1,1,2-Trichloroethane
Concen: 6.612 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

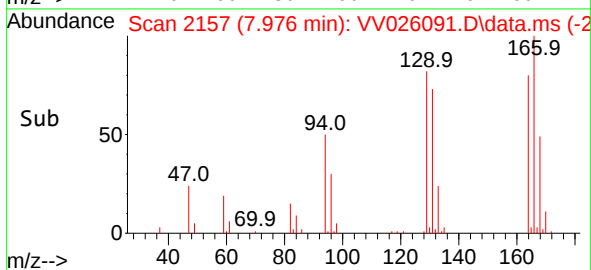
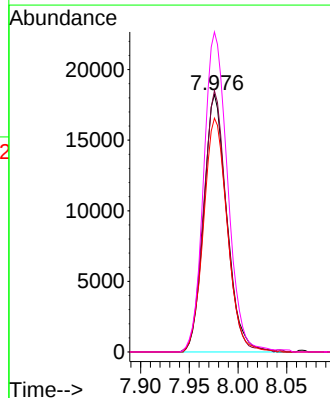
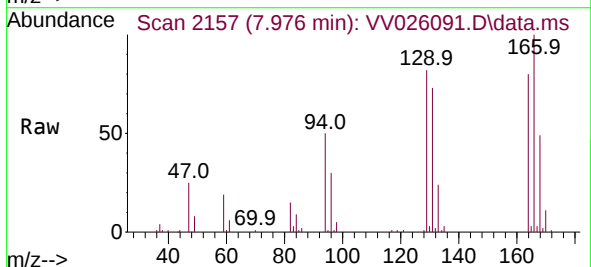
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

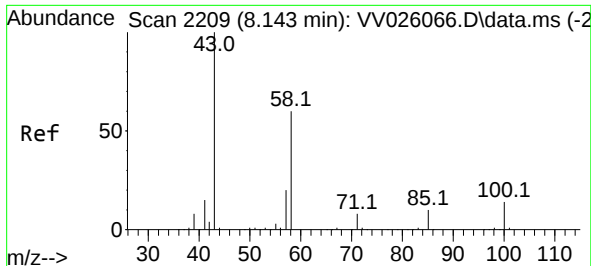
Tgt Ion: 97	Resp: 40513
Ion Ratio	Lower Upper
97 100	
99 59.8	43.5 80.7
83 81.9	59.6 110.8
85 54.5	38.5 71.5



#47
Tetrachloroethene
Concen: 3.817 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.003 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

Tgt	Ion:164	Resp:	30058
Ion	Ratio	Lower	Upper
164	100		
129	101.5	68.3	126.9
131	90.8	66.5	123.5
166	124.3	88.1	163.7



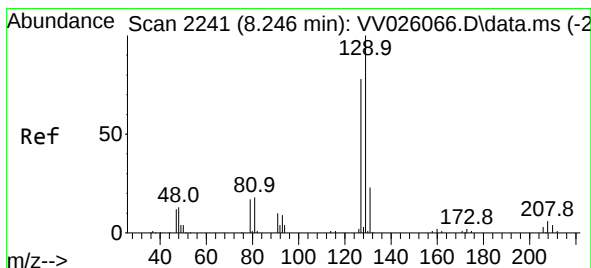
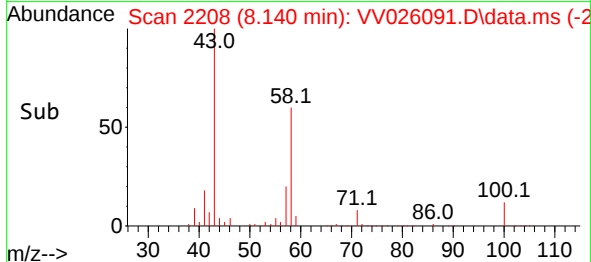
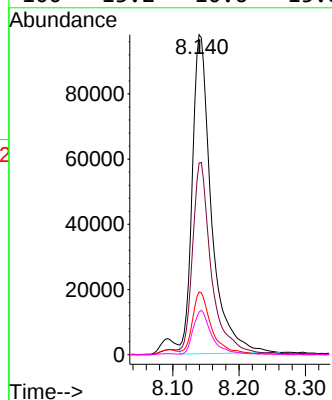
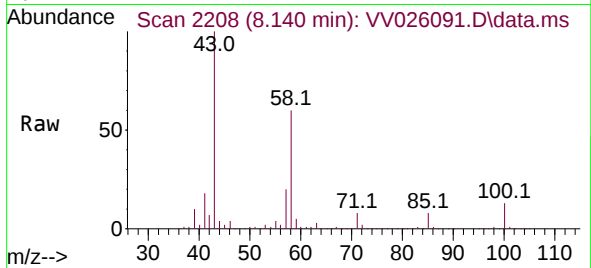


#48
2-Hexanone
Concen: 71.403 ug/L
RT: 8.140 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

Tgt Ion: 43 Resp: 195366

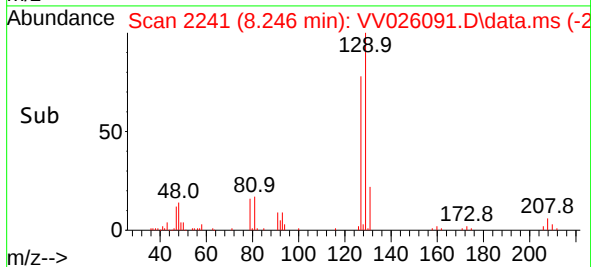
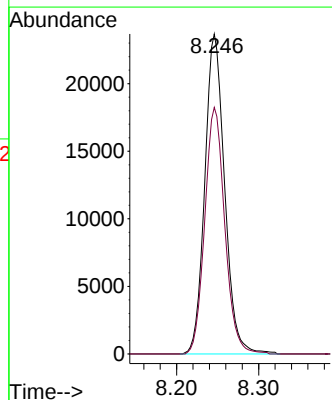
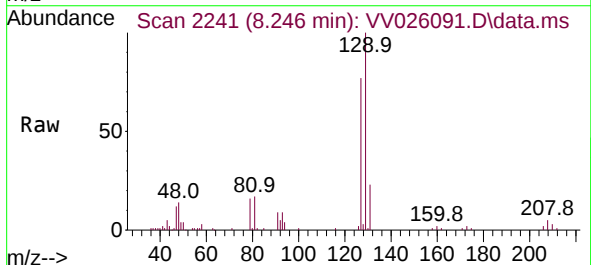
Ion	Ratio	Lower	Upper
43	100		
58	58.3	47.4	71.2
57	19.7	15.5	23.3
100	13.2	10.6	15.8

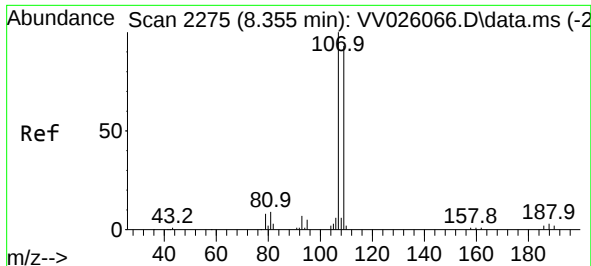


#49
Dibromochloromethane
Concen: 5.953 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

Tgt Ion: 129 Resp: 39820

Ion	Ratio	Lower	Upper
129	100		
127	77.0	55.9	103.7





#50

1,2-Dibromoethane

Concen: 6.390 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV026091.D

Acq: 10 Jun 2022 06:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD005302

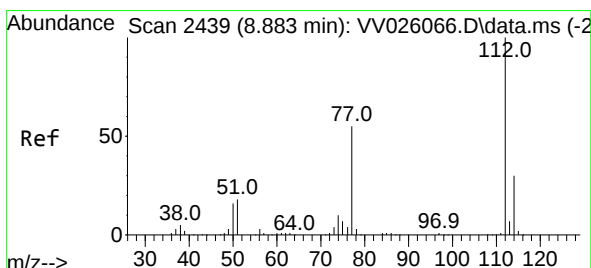
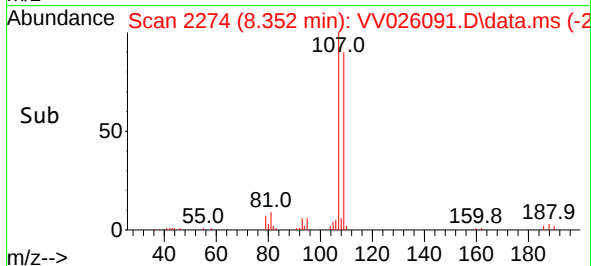
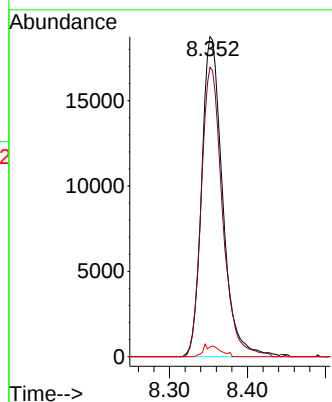
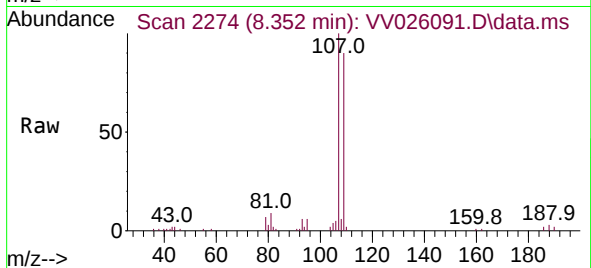
Tgt Ion:107 Resp: 34840

Ion Ratio Lower Upper

107 100

109 90.4 64.8 120.3

188 3.0 2.7 4.1



#51

Chlorobenzene

Concen: 4.671 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. -0.000 min

Lab File: VV026091.D

Acq: 10 Jun 2022 06:29

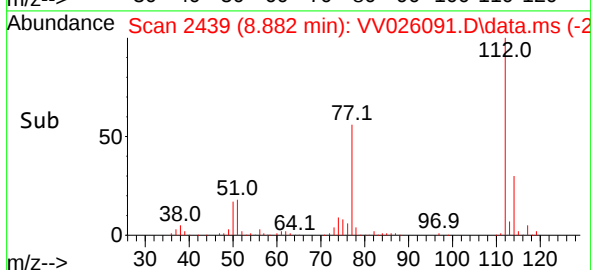
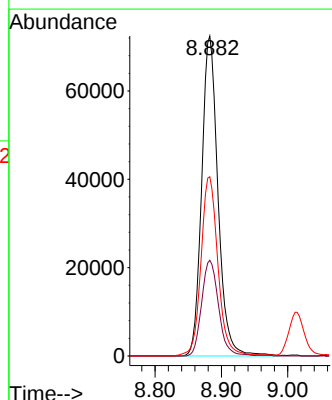
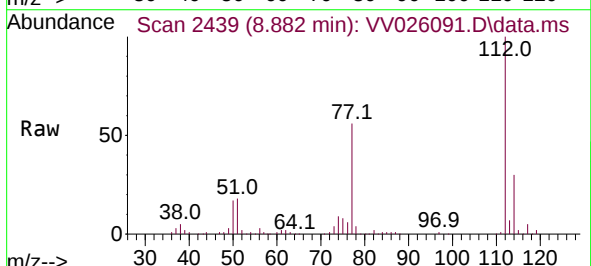
Tgt Ion:112 Resp: 123679

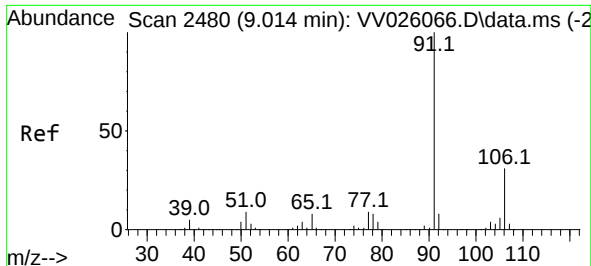
Ion Ratio Lower Upper

112 100

114 29.9 22.3 41.5

77 56.0 44.6 66.8





#52

Ethylbenzene

Concen: 4.025 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. -0.000 min

Lab File: VV026091.D

Acq: 10 Jun 2022 06:29

Instrument :

MSVOA_V

ClientSampleId :

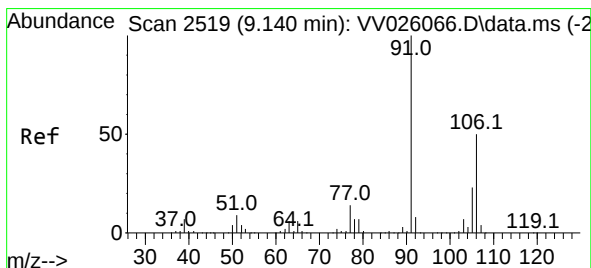
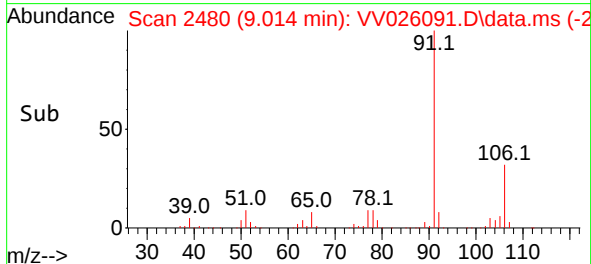
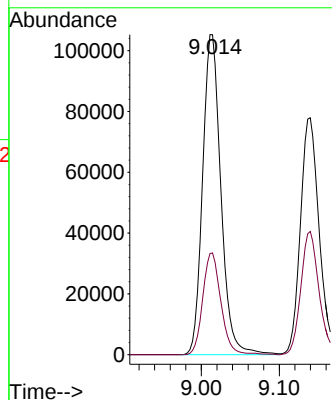
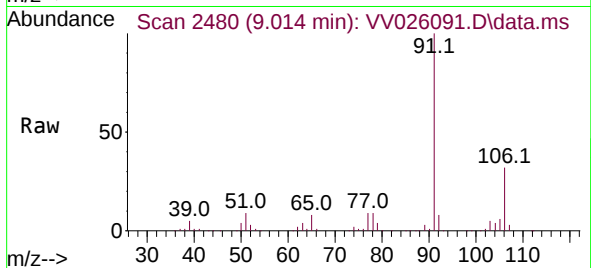
VSTD005302

Tgt Ion: 91 Resp: 171603

Ion Ratio Lower Upper

91 100

106 31.8 21.8 40.6



#53

m,p-Xylene

Concen: 4.041 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV026091.D

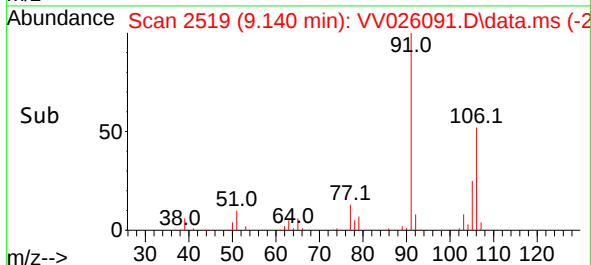
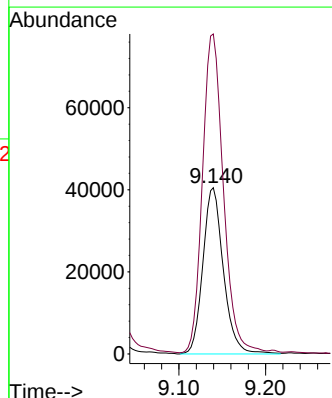
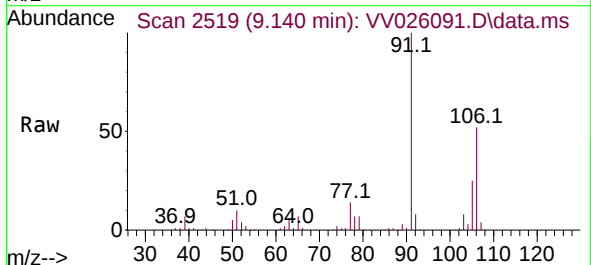
Acq: 10 Jun 2022 06:29

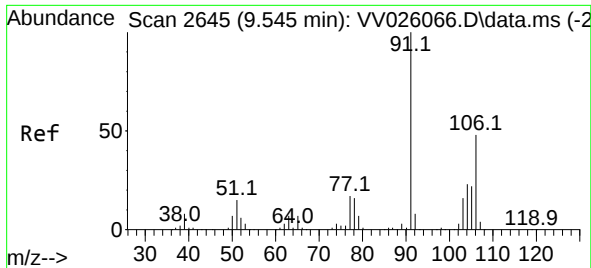
Tgt Ion: 106 Resp: 66604

Ion Ratio Lower Upper

106 100

91 192.4 140.4 260.8

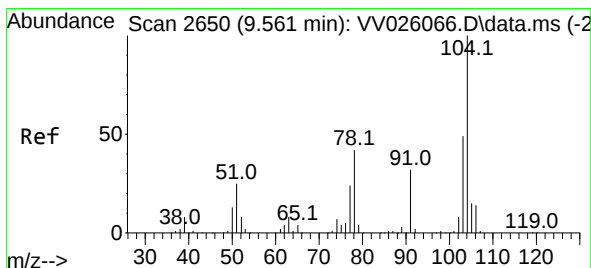
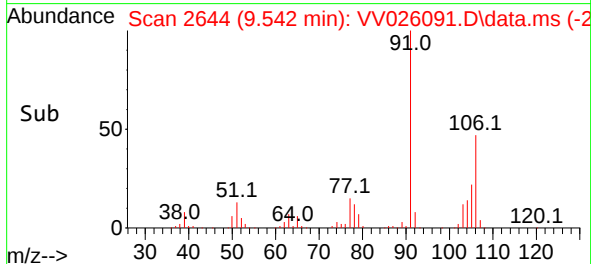
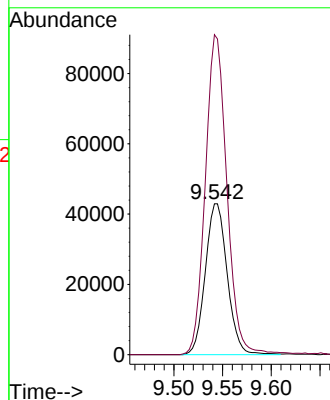
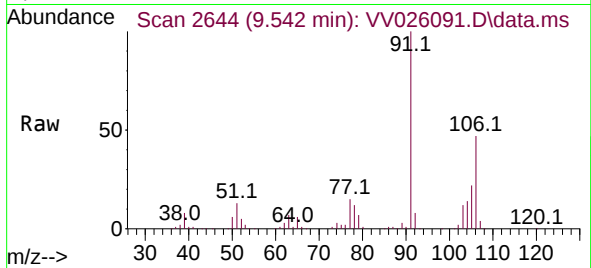




#54
o-Xylene
Concen: 4.288 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.003 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

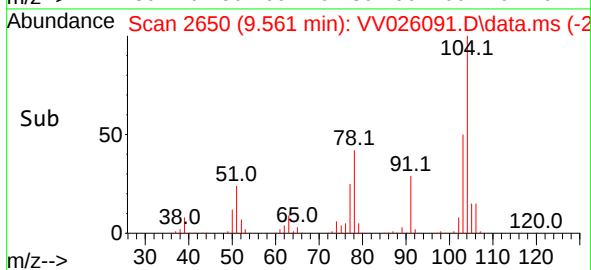
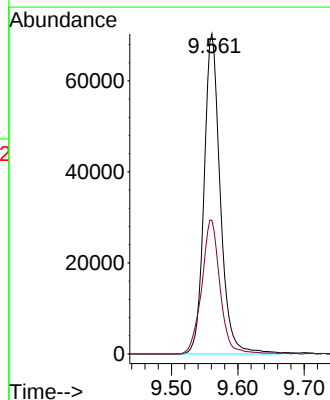
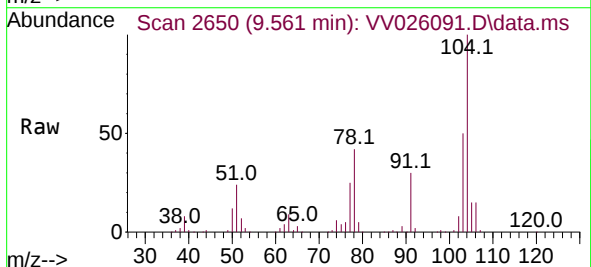
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

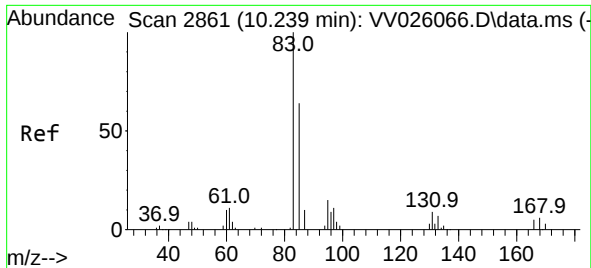
Tgt Ion:106 Resp: 67181
Ion Ratio Lower Upper
106 100
91 212.0 145.4 270.0



#55
Styrene
Concen: 4.550 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

Tgt Ion:104 Resp: 119402
Ion Ratio Lower Upper
104 100
78 41.8 29.1 54.1

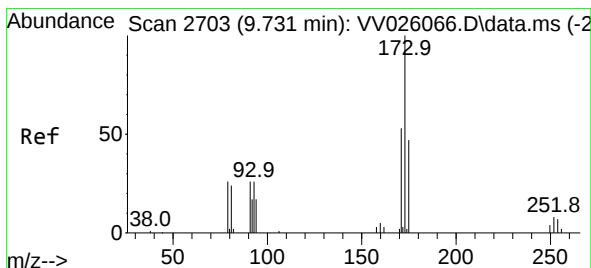
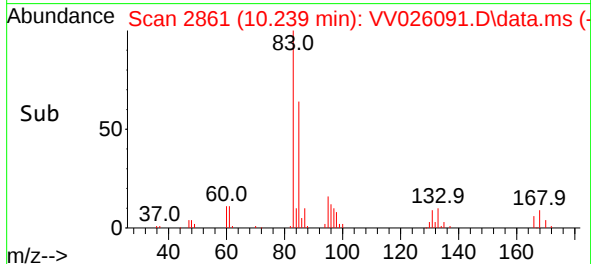
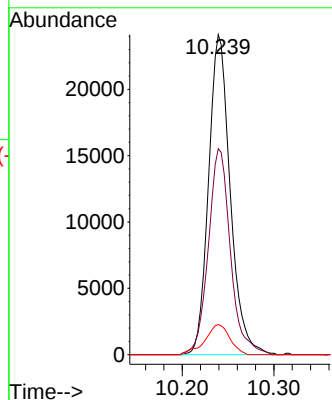
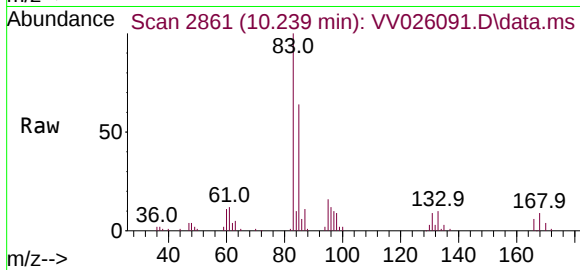




#57
1,1,2,2-Tetrachloroethane
Concen: 6.028 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. -0.000 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

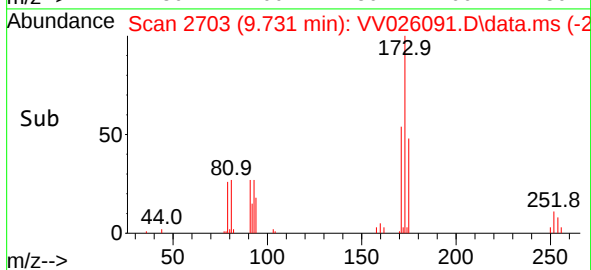
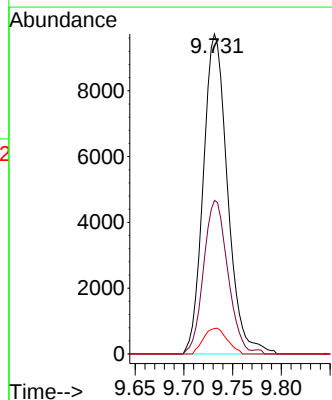
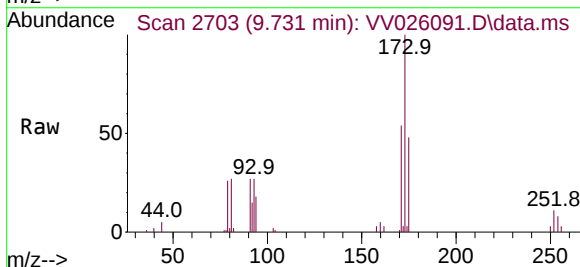
Instrument : MSVOA_V
ClientSampleId : VSTD005302

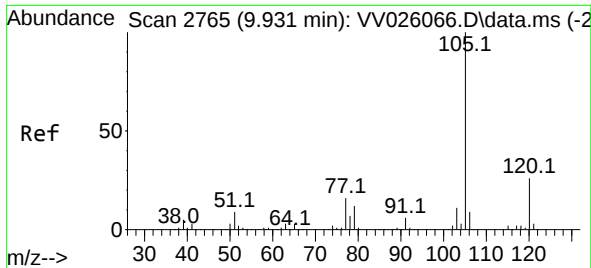
Tgt Ion: 83 Resp: 39543
Ion Ratio Lower Upper
83 100
85 64.3 46.4 86.2
131 9.4 7.1 10.7



#59
Bromoform
Concen: 6.433 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

Tgt Ion: 173 Resp: 16840
Ion Ratio Lower Upper
173 100
175 47.7 38.8 58.2
254 7.8 6.9 10.3

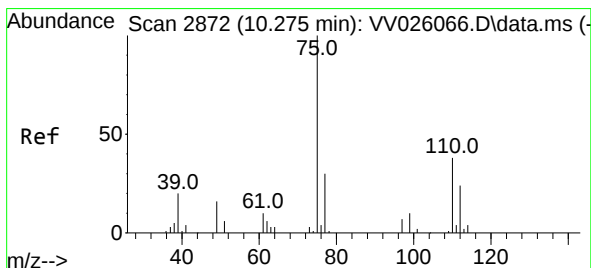
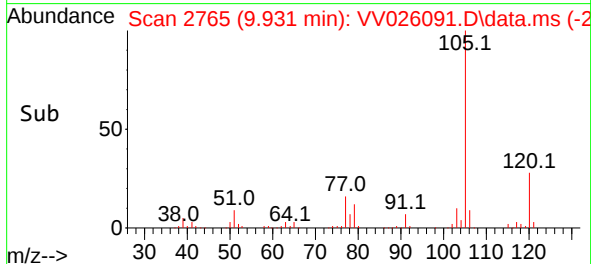
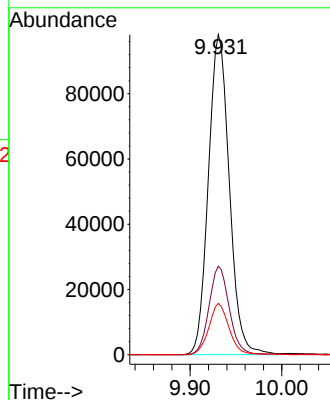
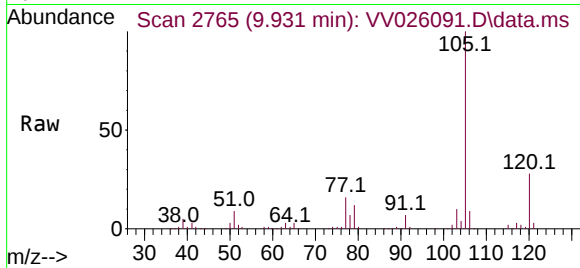




#60
Isopropylbenzene
Concen: 4.195 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

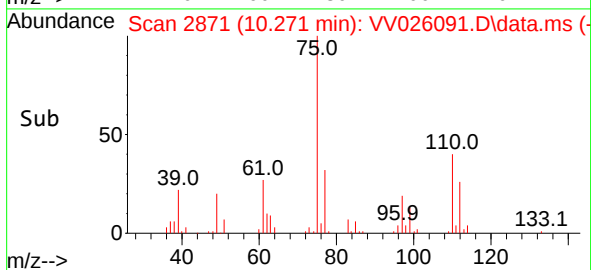
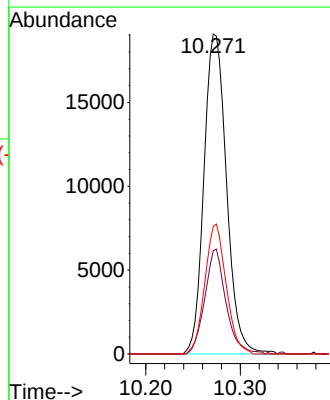
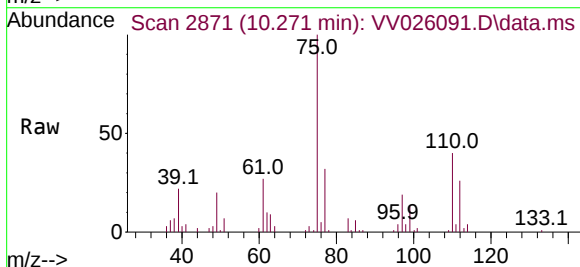
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

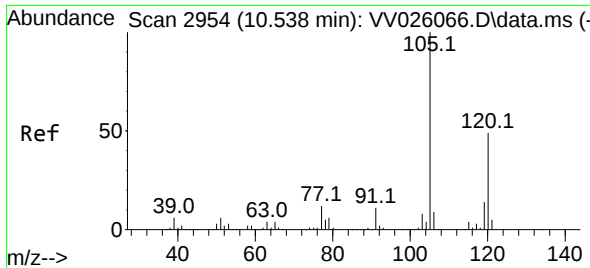
Tgt Ion:105 Resp: 155564
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 15.4 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 7.275 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

Tgt Ion: 75 Resp: 31684
Ion Ratio Lower Upper
75 100
77 30.8 26.6 40.0
110 38.2 32.0 48.0

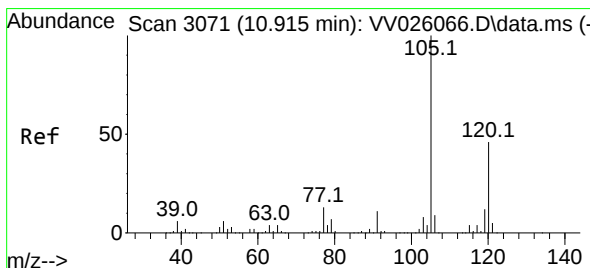
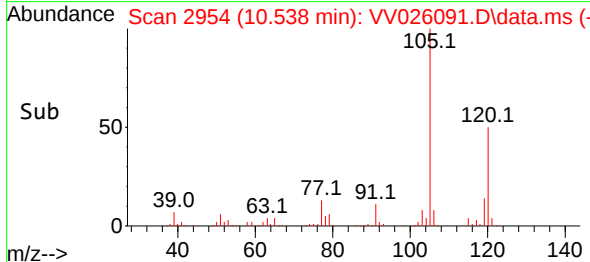
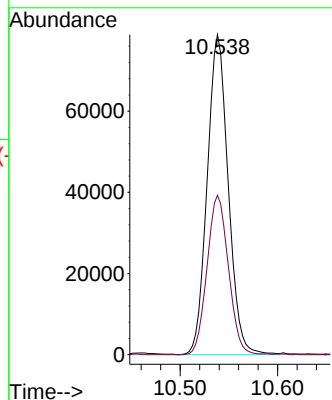
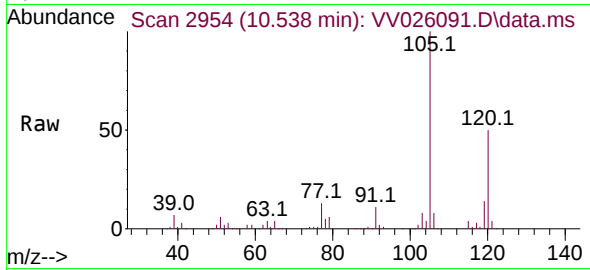




#62
 1,3,5-Trimethylbenzene
 Concen: 4.034 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV026091.D
 Acq: 10 Jun 2022 06:29

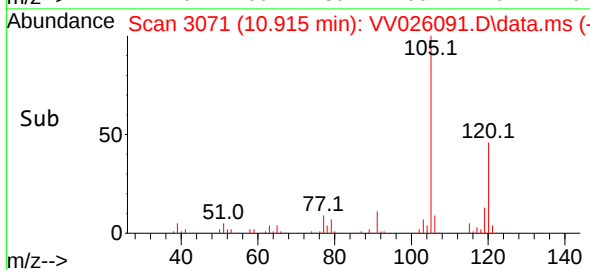
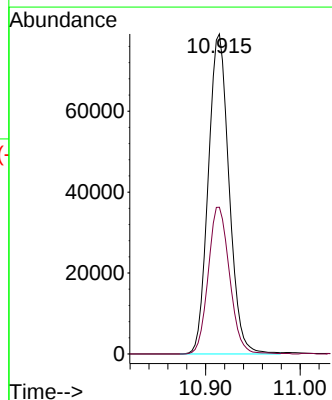
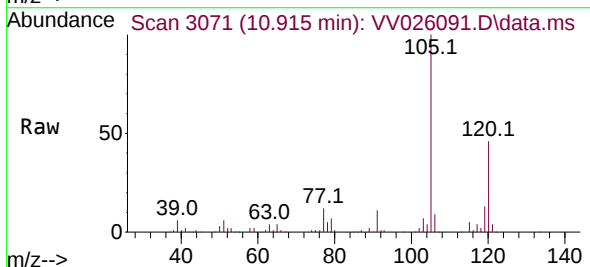
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005302

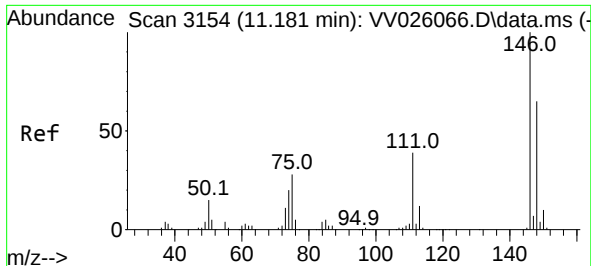
Tgt Ion:105 Resp: 118451
 Ion Ratio Lower Upper
 105 100
 120 50.6 38.8 58.2



#63
 1,2,4-Trimethylbenzene
 Concen: 4.129 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV026091.D
 Acq: 10 Jun 2022 06:29

Tgt Ion:105 Resp: 120743
 Ion Ratio Lower Upper
 105 100
 120 47.1 36.7 55.1

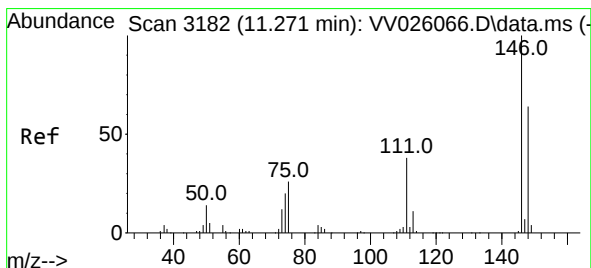
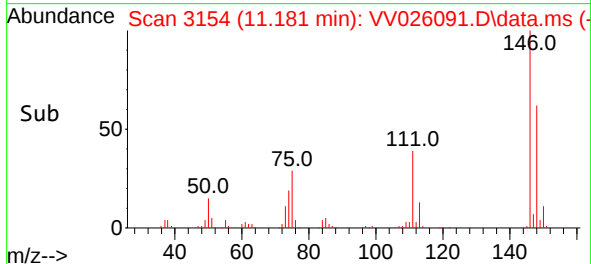
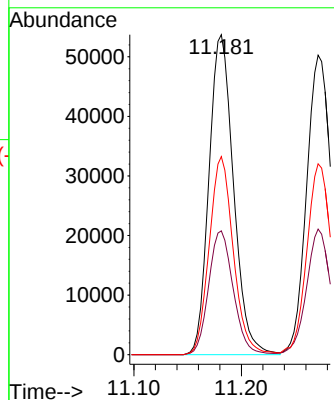
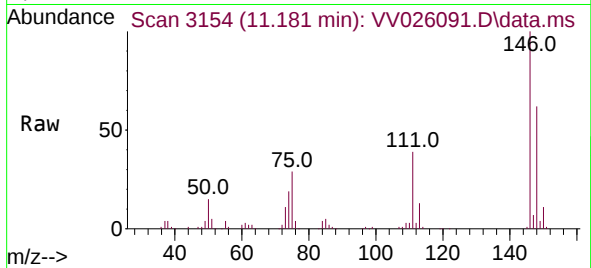




#64
1,3-Dichlorobenzene
Concen: 4.831 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

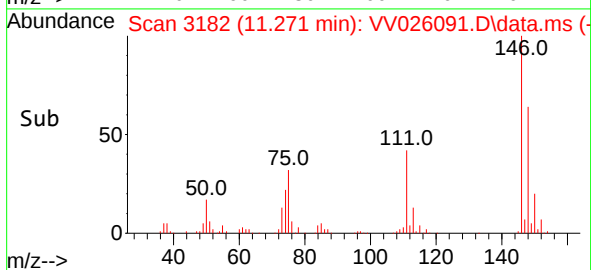
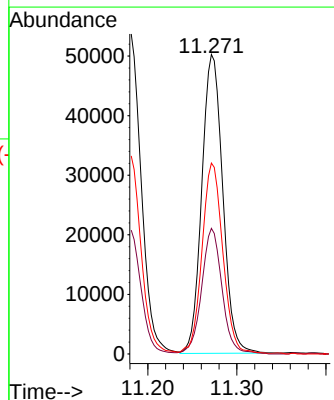
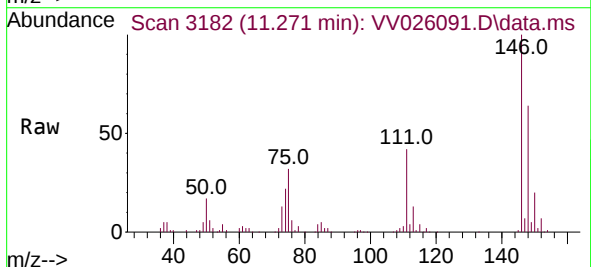
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

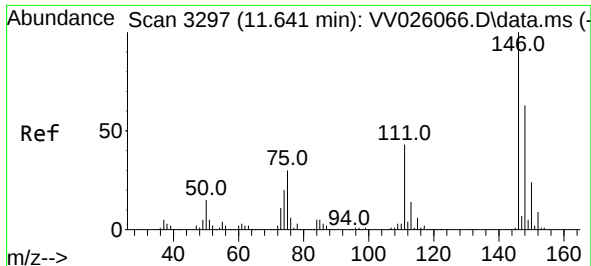
Tgt Ion:146 Resp: 85101
Ion Ratio Lower Upper
146 100
111 38.7 27.9 51.9
148 61.9 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 4.570 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

Tgt Ion:146 Resp: 81980
Ion Ratio Lower Upper
146 100
111 42.0 27.1 50.3
148 63.7 43.8 81.4

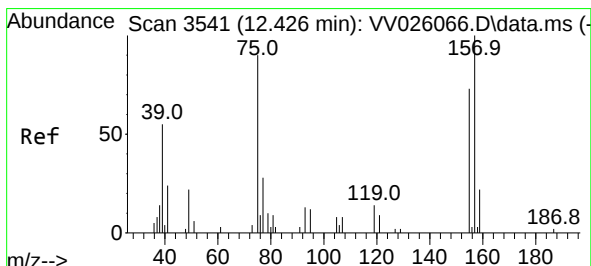
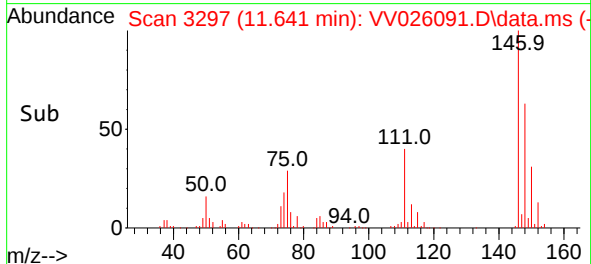
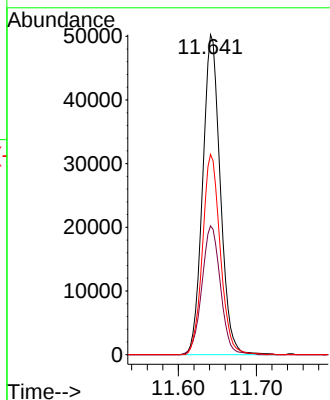
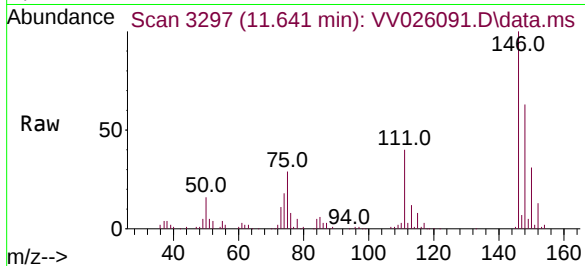




#67
1,2-Dichlorobenzene
Concen: 5.061 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

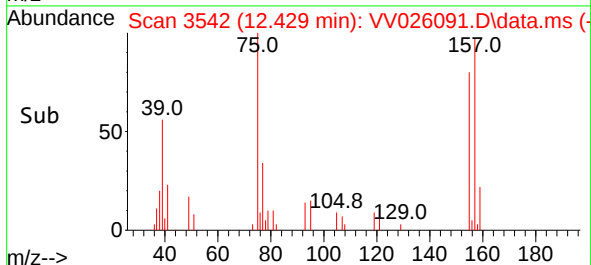
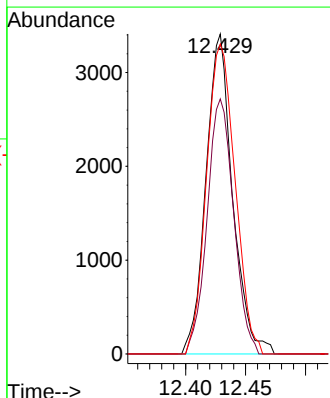
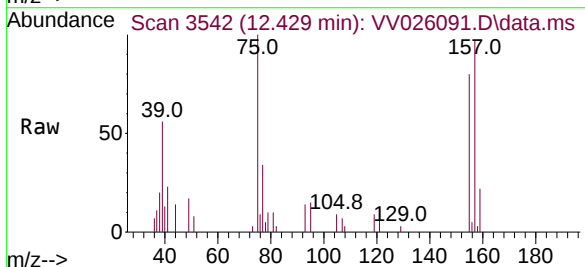
Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

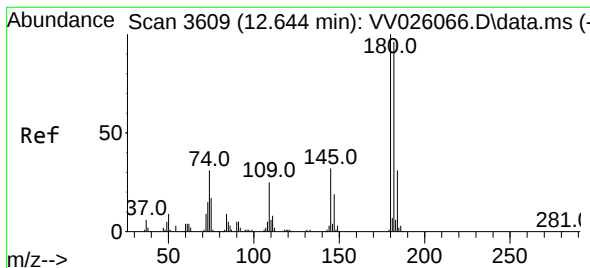
Tgt Ion:146 Resp: 78855
Ion Ratio Lower Upper
146 100
111 40.3 33.9 50.9
148 62.6 50.6 76.0



#68
1,2-Dibromo-3-chloropropane
Concen: 6.813 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.003 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

Tgt Ion: 75 Resp: 5273
Ion Ratio Lower Upper
75 100
155 79.7 68.0 102.0
157 96.8 89.7 134.5





#69

1,3,5-Trichlorobenzene

Concen: 4.092 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VV026091.D

Acq: 10 Jun 2022 06:29

Instrument :

MSVOA_V

ClientSampleId :

VSTD005302

Tgt Ion:180 Resp: 52196

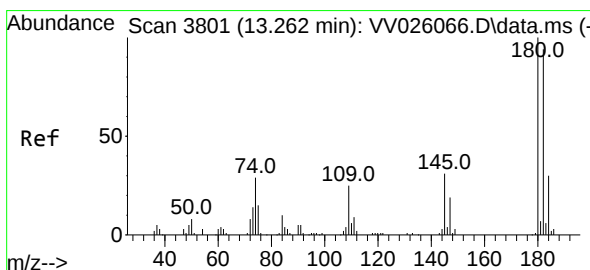
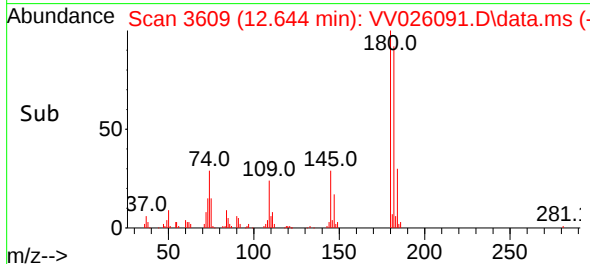
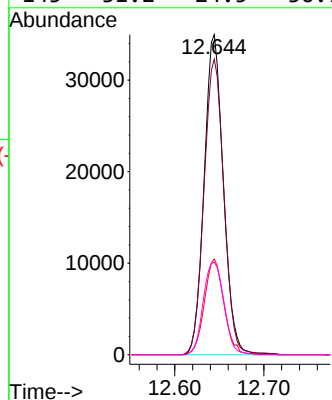
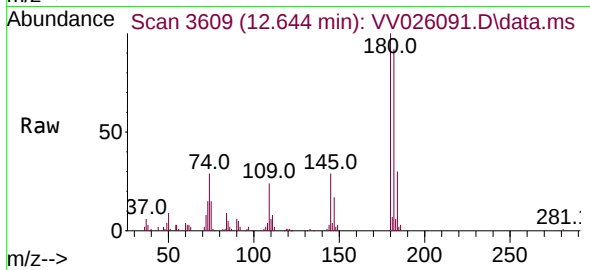
Ion Ratio Lower Upper

180 100

182 95.9 76.3 114.5

184 30.5 24.0 36.0

145 31.2 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 4.361 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.003 min

Lab File: VV026091.D

Acq: 10 Jun 2022 06:29

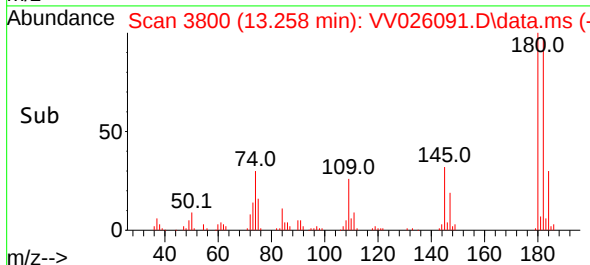
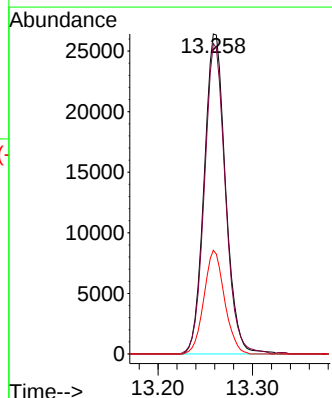
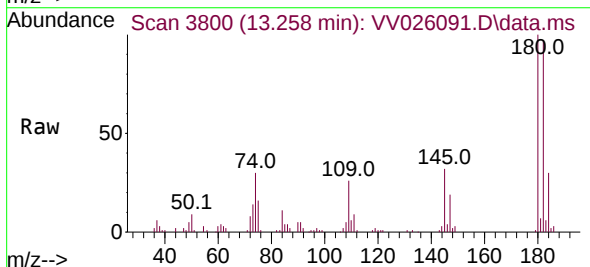
Tgt Ion:180 Resp: 41476

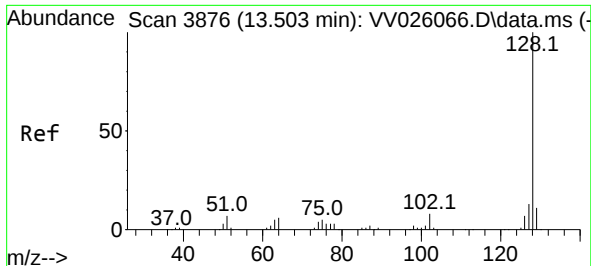
Ion Ratio Lower Upper

180 100

182 95.4 74.2 111.4

145 31.1 24.1 36.1

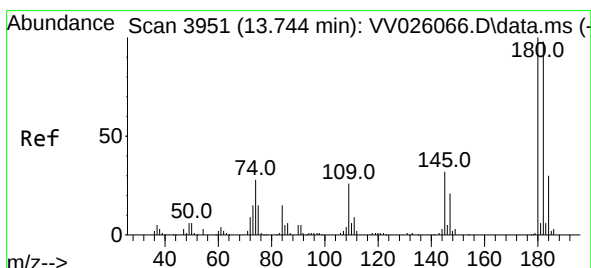
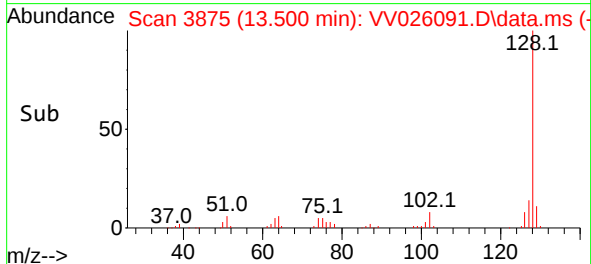
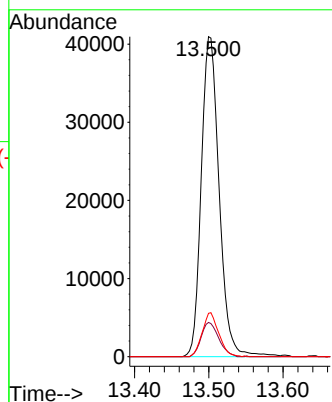
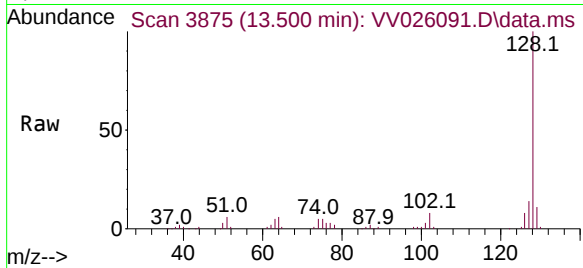




#71
Naphthalene
Concen: 5.067 ug/L
RT: 13.500 min Scan# 3876
Delta R.T. -0.003 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

Instrument :
MSVOA_V
ClientSampleId :
VSTD005302

Tgt Ion:128 Resp: 68464
Ion Ratio Lower Upper
128 100
129 10.5 8.7 13.1
127 12.7 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.651 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VV026091.D
Acq: 10 Jun 2022 06:29

Tgt Ion:180 Resp: 37437
Ion Ratio Lower Upper
180 100
182 93.8 74.0 111.0
145 32.4 25.5 38.3

