

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061422\
 Data File : VW026264.D
 Acq On : 15 Jun 2022 03:23
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005315

Quant Time: Jun 15 09:41:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 07:11:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	180816	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	173683	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	90177	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.313	65	98143	4.151	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.000%	
7) Chloroethane-d5	1.577	69	85721	4.603	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.000%	
11) 1,1-Dichloroethene-d2	2.117	63	170299	4.479	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.600%	
20) 2-Butanone-d5	3.908	46	133639	75.755	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	151.520%#	
24) Chloroform-d	4.355	84	174531	5.205	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.000%	
26) 1,2-Dichloroethane-d4	5.040	65	77016	5.697	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.000%	
32) Benzene-d6	5.056	84	348272	5.144	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.800%	
36) 1,2-Dichloropropane-d6	6.072	67	102341	5.241	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	104.800%	
41) Toluene-d8	7.316	98	320330	5.313	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.200%	
43) trans-1,3-Dichloroprop...	7.625	79	32083	5.444	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	108.800%	
46) 2-Hexanone-d5	8.091	63	119084	64.896	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	129.800%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	66520	5.718	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	114.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	105508	5.220	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.140	85	79337	4.773	ug/L	100
3) Chloromethane	1.249	50	85117	4.718	ug/L	100
5) Vinyl chloride	1.320	62	91675	4.852	ug/L	100
6) Bromomethane	1.529	94	48848	4.424	ug/L	98
8) Chloroethane	1.593	64	57020	4.838	ug/L	99
9) Trichlorofluoromethane	1.760	101	127477	5.010	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.124	101	70832	4.899	ug/L	99
12) 1,1-Dichloroethene	2.127	96	68351	4.944	ug/L	79
13) Acetone	2.201	43	47387	47.048	ug/L	96
14) Carbon disulfide	2.301	76	166985	4.756	ug/L	99
15) Methyl Acetate	2.452	43	18054	6.138	ug/L	95
16) Methylene chloride	2.516	84	80849	5.673	ug/L	97
17) Methyl tert-butyl Ether	2.780	73	116413	5.178	ug/L	98
18) trans-1,2-Dichloroethene	2.770	96	64567	4.871	ug/L	96
19) 1,1-Dichloroethane	3.198	63	124895	4.909	ug/L	98
21) 2-Butanone	3.995	43	87390	63.742	ug/L	85
22) cis-1,2-Dichloroethene	3.921	96	66952	5.020	ug/L	98
23) Bromochloromethane	4.259	128	28796	5.171	ug/L	93
25) Chloroform	4.384	83	138934	5.225	ug/L	100

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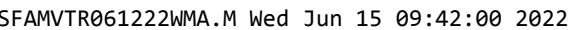
Instrument :
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 ClientSampleId :
 VSTD005315

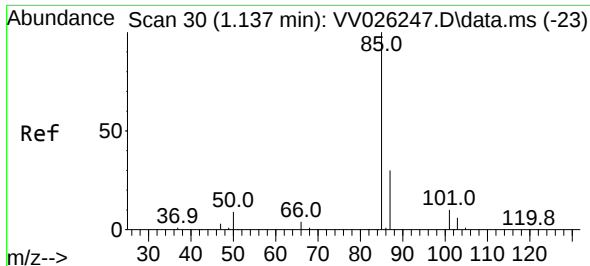
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 07:11:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.136	62	61660	4.990	ug/L	98
29) 1,1,1-Trichloroethane	4.616	97	115396	5.067	ug/L	99
30) Cyclohexane	4.683	56	82559	4.734	ug/L	98
31) Carbon tetrachloride	4.831	117	94055	5.110	ug/L	100
33) Benzene	5.104	78	277507	5.283	ug/L	100
34) Trichloroethene	5.918	95	69941	4.930	ug/L	97
35) Methylcyclohexane	6.133	83	93952	4.898	ug/L	98
37) 1,2-Dichloropropane	6.178	63	67691	4.974	ug/L	99
38) Bromodichloromethane	6.513	83	83903	5.177	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	74060	4.878	ug/L	95
40) 4-Methyl-2-pentanone	7.230	43	273042	56.071	ug/L	96
42) Toluene	7.387	91	299421	5.384	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	62696	5.250	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	45015	5.256	ug/L	95
47) Tetrachloroethene	7.976	164	52544	5.158	ug/L	98
48) 2-Hexanone	8.143	43	202774	58.639	ug/L	98
49) Dibromochloromethane	8.246	129	50127	5.362	ug/L	96
50) 1,2-Dibromoethane	8.355	107	39469	5.387	ug/L	95
51) Chlorobenzene	8.882	112	183511	5.132	ug/L	99
52) Ethylbenzene	9.011	91	283600	5.139	ug/L	99
53) m,p-Xylene	9.140	106	111893	5.297	ug/L	96
54) o-Xylene	9.545	106	103432	5.065	ug/L	98
55) Styrene	9.561	104	187107	5.557	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	44995	5.182	ug/L	98
59) Bromoform	9.731	173	22604	5.219	ug/L	99
60) Isopropylbenzene	9.931	105	283202	4.802	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	34784	5.029	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	211037	4.538	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	216453	4.729	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	138870	4.939	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	137640	4.935	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	122551	4.861	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	6077	5.006	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	93898	4.752	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	67466	4.742	ug/L	99
71) Naphthalene	13.500	128	92973	4.675	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	58345	4.968	ug/L	95

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

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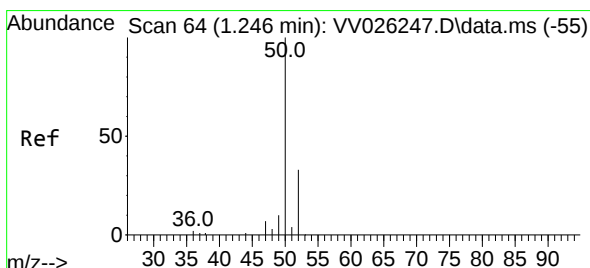
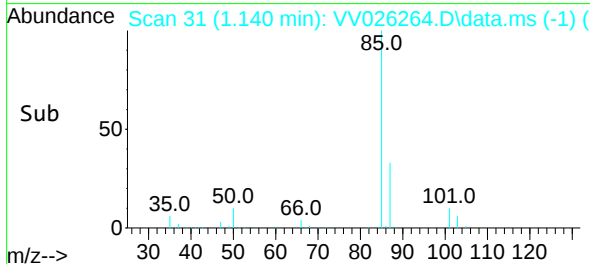
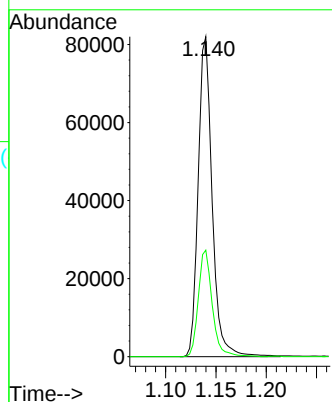
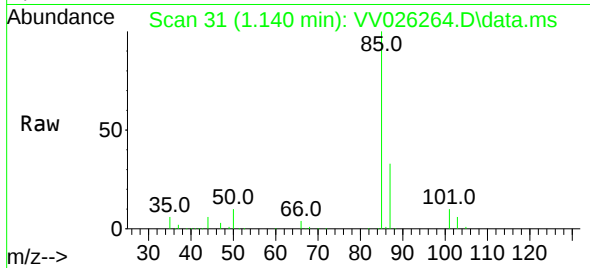




#2
 Dichlorodifluoromethane
 Concen: 4.773 ug/L
 RT: 1.140 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV026264.D
 Acq: 15 Jun 2022 03:23

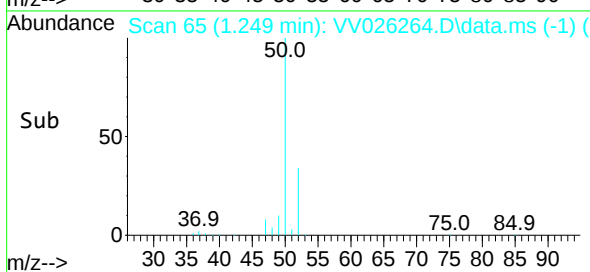
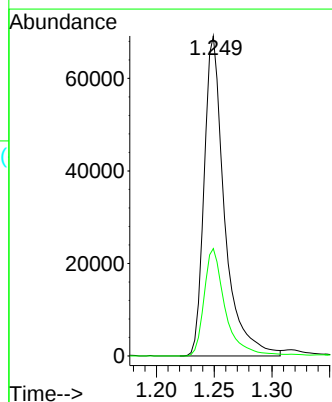
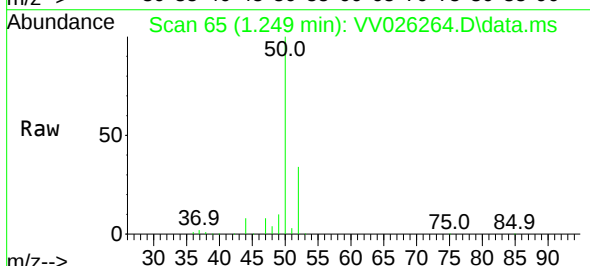
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005315

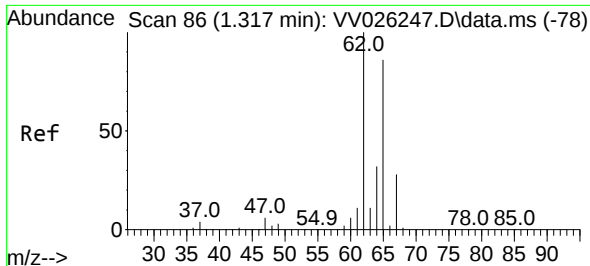
Tgt Ion: 85 Resp: 79337
 Ion Ratio Lower Upper
 85 100
 87 33.2 26.7 40.1



#3
 Chloromethane
 Concen: 4.718 ug/L
 RT: 1.249 min Scan# 65
 Delta R.T. 0.003 min
 Lab File: VV026264.D
 Acq: 15 Jun 2022 03:23

Tgt Ion: 50 Resp: 85117
 Ion Ratio Lower Upper
 50 100
 52 33.6 23.6 43.8

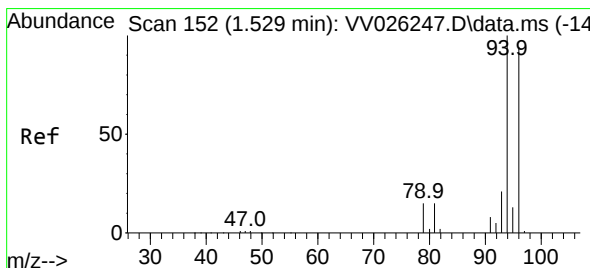
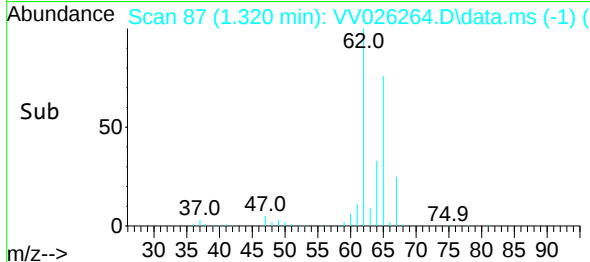
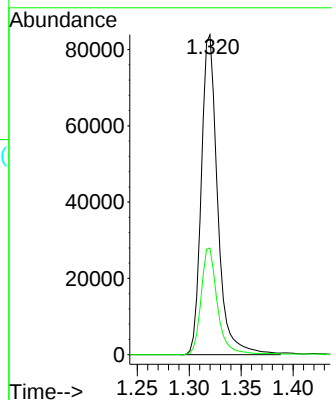
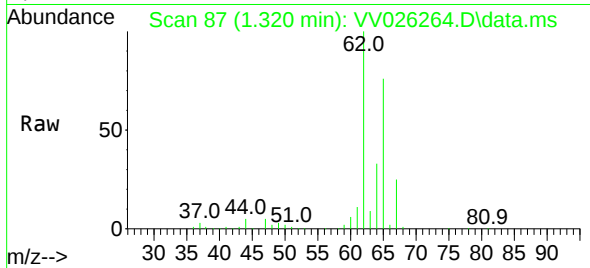




#5
 Vinyl chloride
 Concen: 4.852 ug/L
 RT: 1.320 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV026264.D
 Acq: 15 Jun 2022 03:23

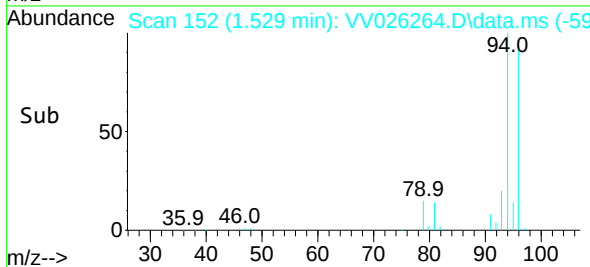
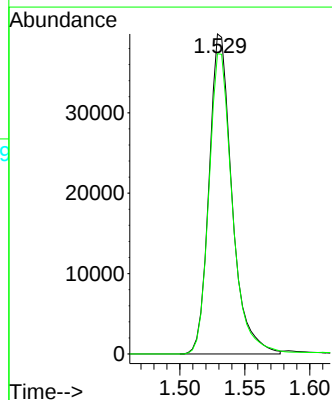
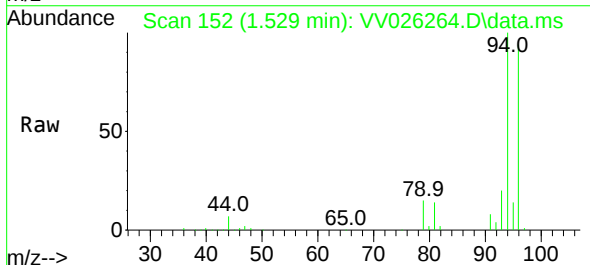
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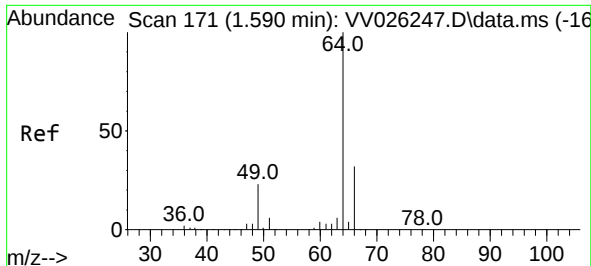
Tgt Ion: 62 Resp: 91675
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.2 43.2



#6
 Bromomethane
 Concen: 4.424 ug/L
 RT: 1.529 min Scan# 152
 Delta R.T. -0.000 min
 Lab File: VV026264.D
 Acq: 15 Jun 2022 03:23

Tgt Ion: 94 Resp: 48848
 Ion Ratio Lower Upper
 94 100
 96 93.8 64.5 119.7

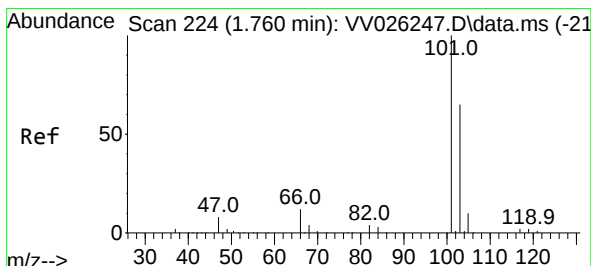
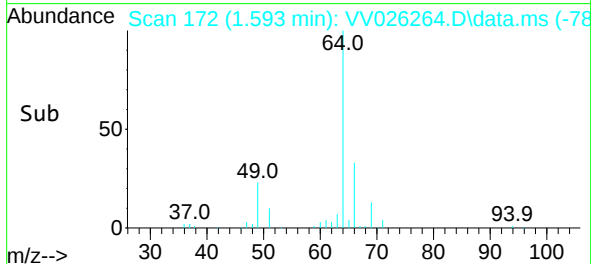
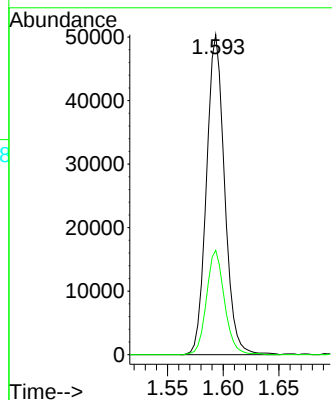
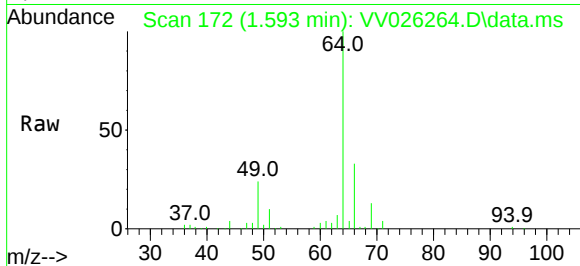




#8
Chloroethane
Concen: 4.838 ug/L
RT: 1.593 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

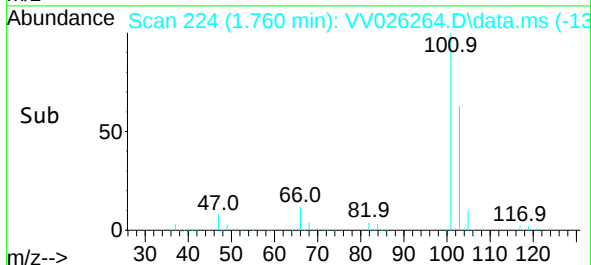
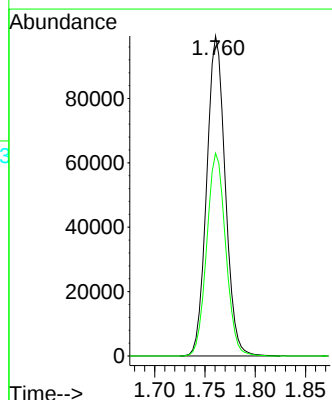
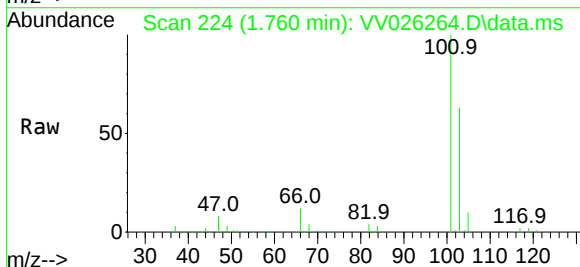
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ClientSampleId :
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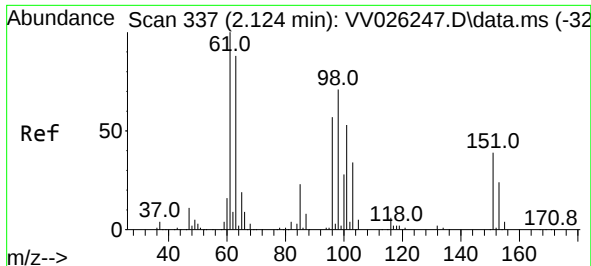
Tgt Ion: 64 Resp: 57020
Ion Ratio Lower Upper
64 100
66 32.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.010 ug/L
RT: 1.760 min Scan# 224
Delta R.T. -0.000 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

Tgt Ion:101 Resp: 127477
Ion Ratio Lower Upper
101 100
103 64.7 52.9 79.3

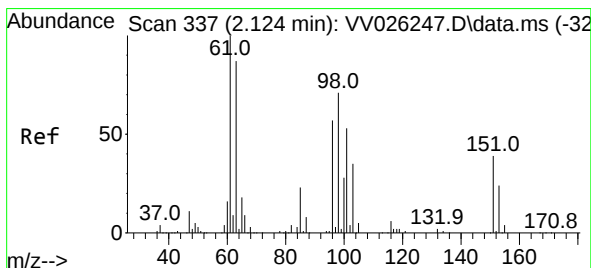
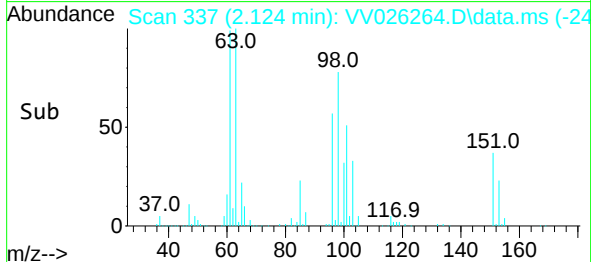
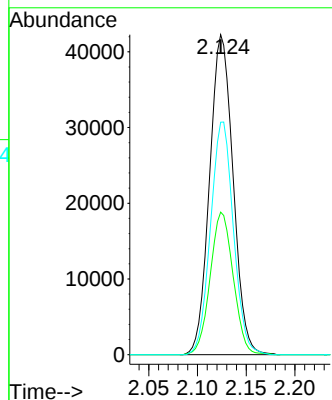
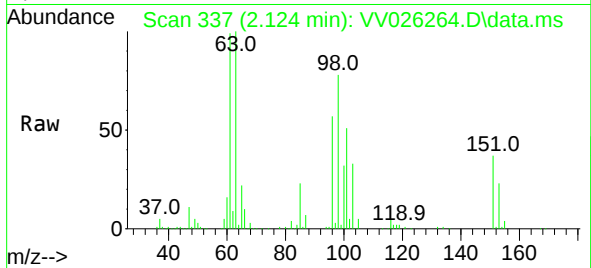




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.899 ug/L
 RT: 2.124 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV026264.D
 Acq: 15 Jun 2022 03:23

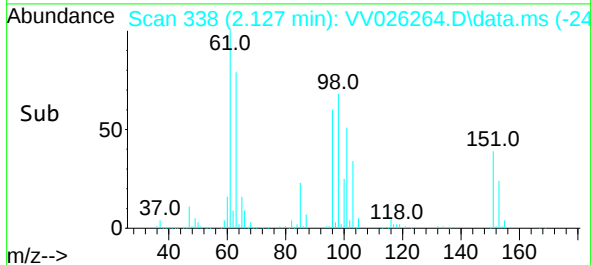
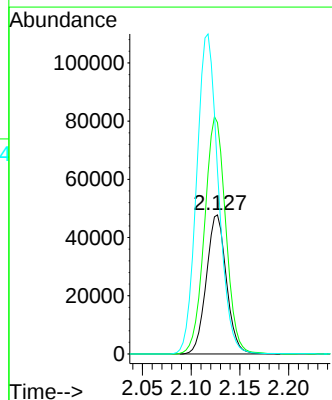
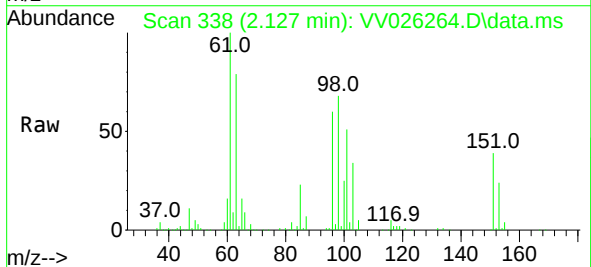
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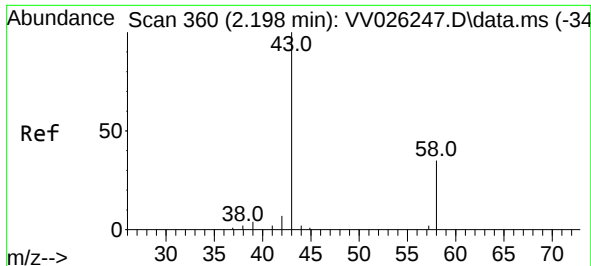
Tgt Ion:101 Resp: 70832
 Ion Ratio Lower Upper
 101 100
 85 43.6 35.3 52.9
 151 71.1 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 4.944 ug/L
 RT: 2.127 min Scan# 338
 Delta R.T. 0.003 min
 Lab File: VV026264.D
 Acq: 15 Jun 2022 03:23

Tgt Ion: 96 Resp: 68351
 Ion Ratio Lower Upper
 96 100
 61 166.3 120.5 223.7
 63 131.9 129.3 240.1





#13

Acetone

Concen: 47.048 ug/L

RT: 2.201 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV026264.D

Acq: 15 Jun 2022 03:23

Instrument :

MSVOA_V

ClientSampleId :

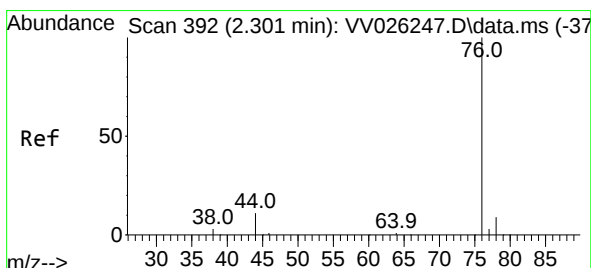
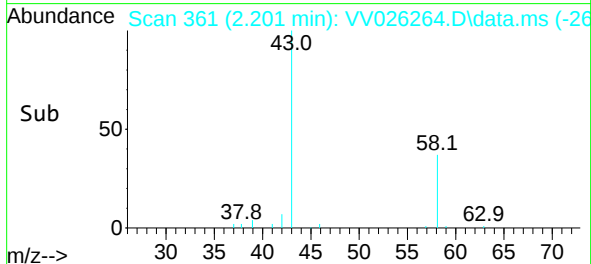
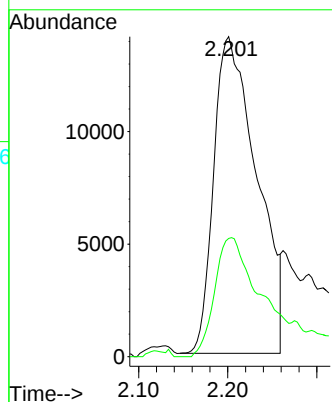
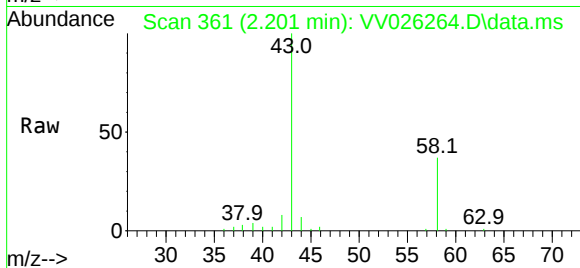
VSTD005315

Tgt Ion: 43 Resp: 47387

Ion Ratio Lower Upper

43 100

58 39.3 0.0 73.6



#14

Carbon disulfide

Concen: 4.756 ug/L

RT: 2.301 min Scan# 392

Delta R.T. -0.000 min

Lab File: VV026264.D

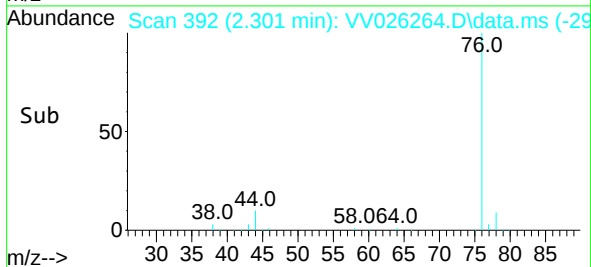
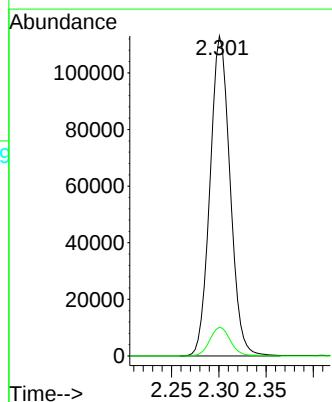
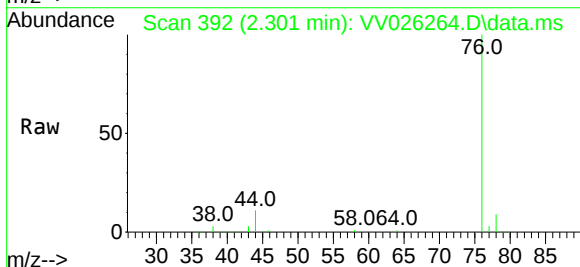
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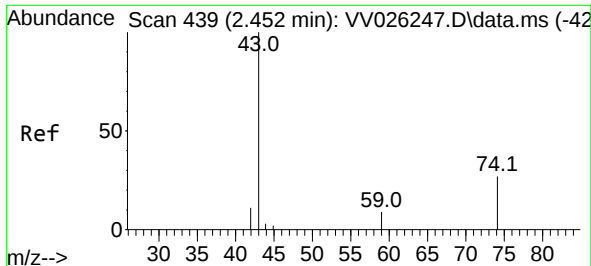
Tgt Ion: 76 Resp: 166985

Ion Ratio Lower Upper

76 100

78 8.9 7.4 11.2

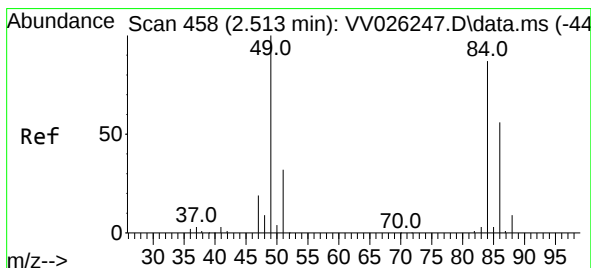
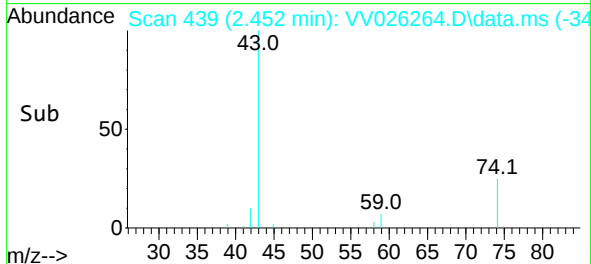
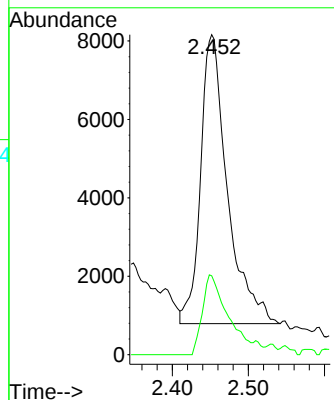
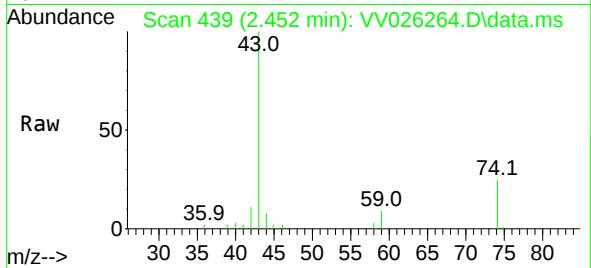




#15
Methyl Acetate
Concen: 6.138 ug/L
RT: 2.452 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

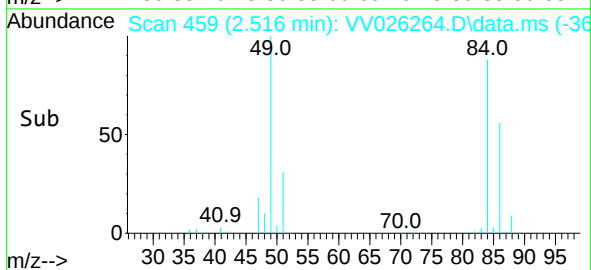
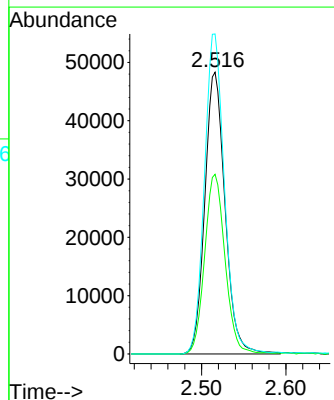
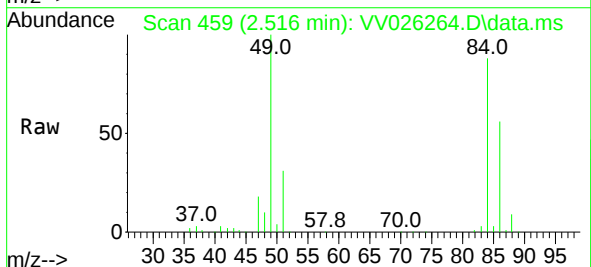
Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

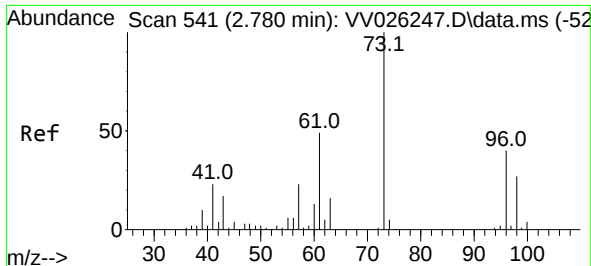
Tgt Ion: 43 Resp: 18054
Ion Ratio Lower Upper
43 100
74 25.9 18.9 28.3



#16
Methylene chloride
Concen: 5.673 ug/L
RT: 2.516 min Scan# 459
Delta R.T. 0.003 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

Tgt Ion: 84 Resp: 80849
Ion Ratio Lower Upper
84 100
86 63.8 45.1 83.7
49 113.6 82.3 152.9

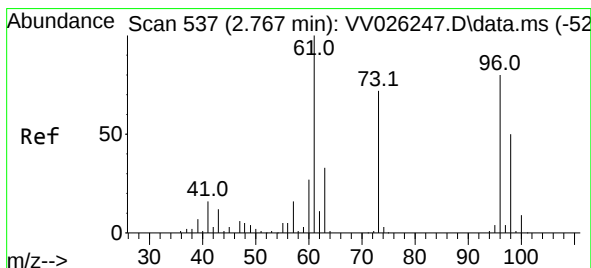
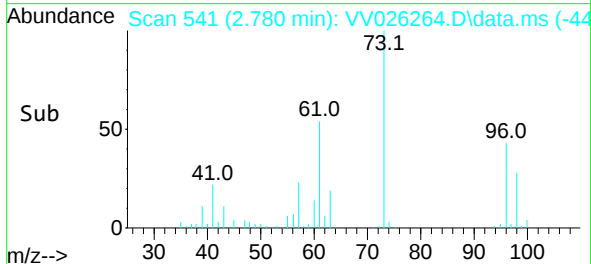
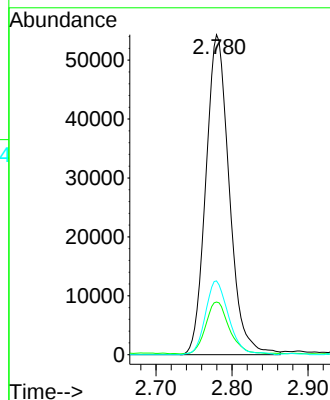
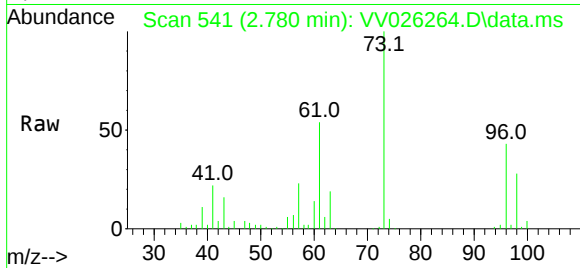




#17
Methyl tert-butyl Ether
Concen: 5.178 ug/L
RT: 2.780 min Scan# 541
Delta R.T. -0.000 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

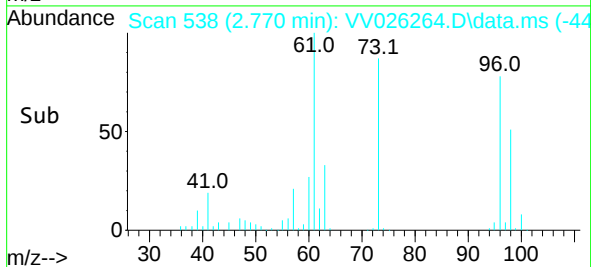
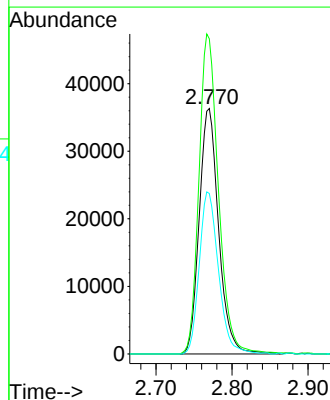
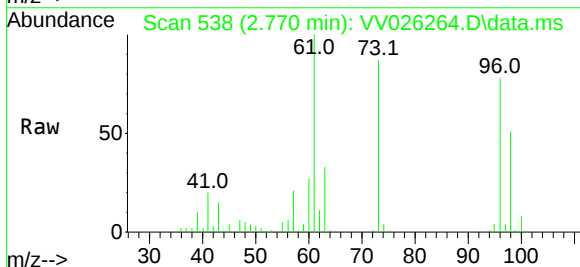
Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

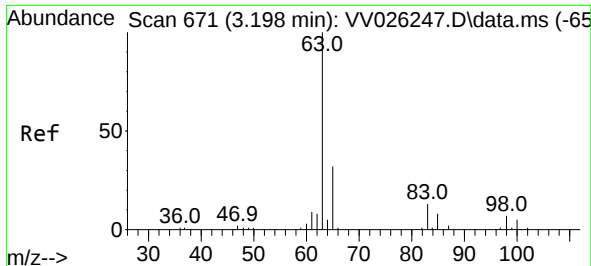
Tgt Ion: 73 Resp: 116413
Ion Ratio Lower Upper
73 100
43 16.2 13.4 20.2
57 22.6 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.871 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

Tgt Ion: 96 Resp: 64567
Ion Ratio Lower Upper
96 100
61 128.5 93.5 173.7
98 65.4 44.7 83.1





#19

1,1-Dichloroethane

Concen: 4.909 ug/L

RT: 3.198 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV026264.D

Acq: 15 Jun 2022 03:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD005315

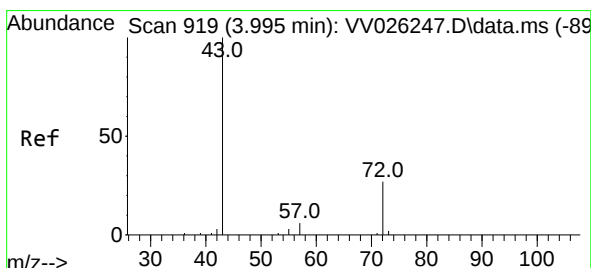
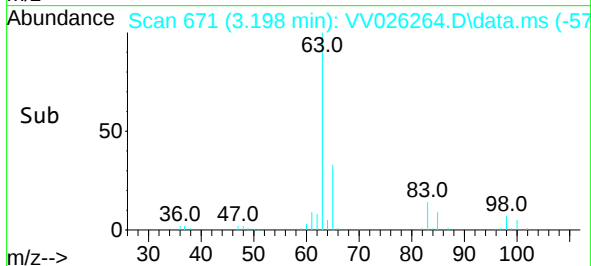
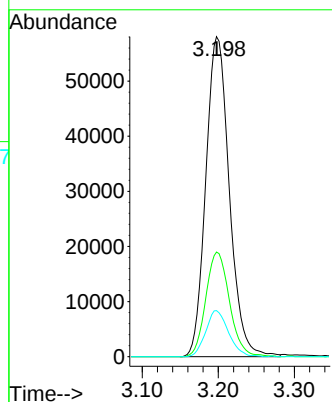
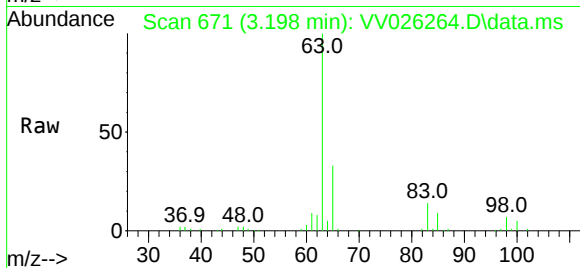
Tgt Ion: 63 Resp: 124895

Ion Ratio Lower Upper

63 100

65 32.7 22.1 41.1

83 14.4 9.5 17.7



#21

2-Butanone

Concen: 63.742 ug/L

RT: 3.995 min Scan# 919

Delta R.T. -0.000 min

Lab File: VV026264.D

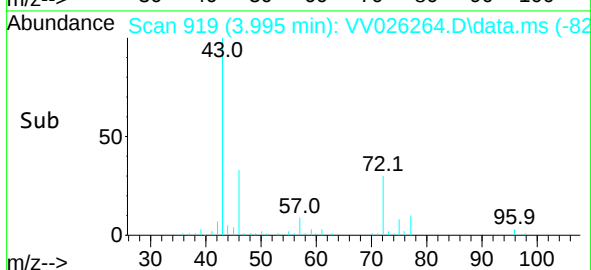
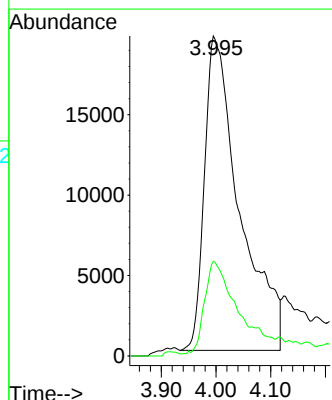
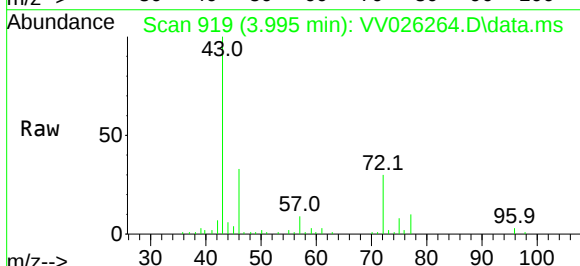
Acq: 15 Jun 2022 03:23

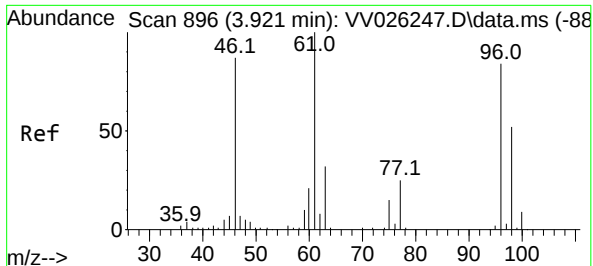
Tgt Ion: 43 Resp: 87390

Ion Ratio Lower Upper

43 100

72 28.0 10.6 31.8

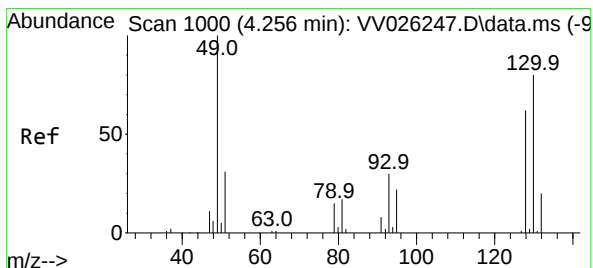
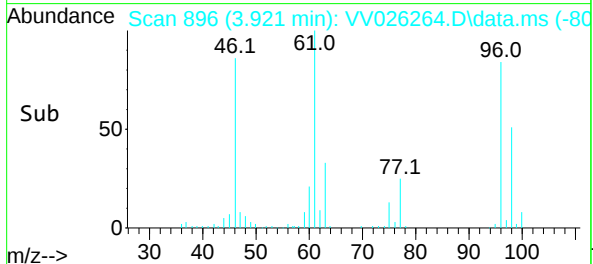
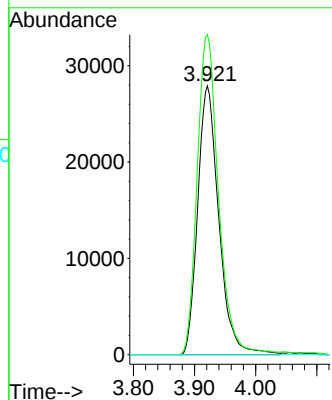
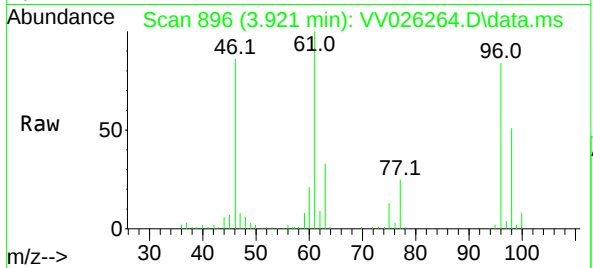




#22
 cis-1,2-Dichloroethene
 Concen: 5.020 ug/L
 RT: 3.921 min Scan# 896
 Delta R.T. -0.000 min
 Lab File: VV026264.D
 Acq: 15 Jun 2022 03:23

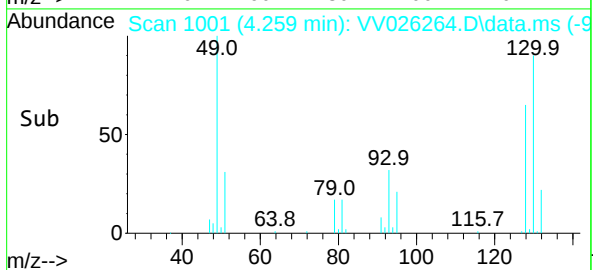
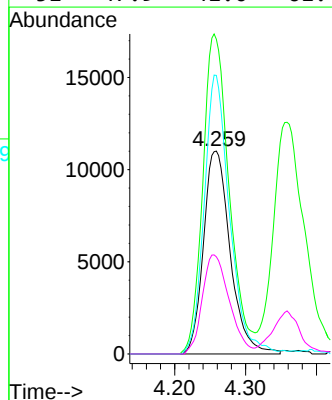
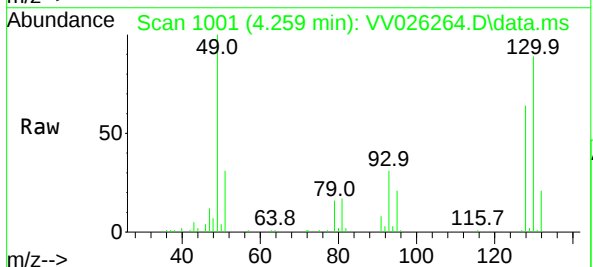
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005315

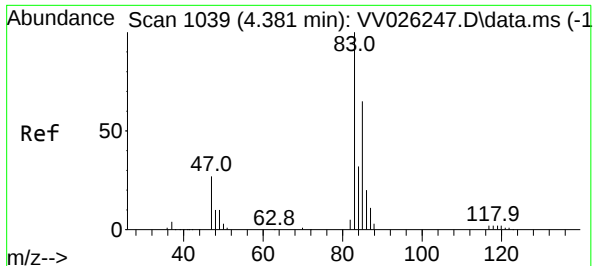
Tgt Ion: 96 Resp: 66952
 Ion Ratio Lower Upper
 96 100
 61 119.1 85.2 158.2
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.171 ug/L
 RT: 4.259 min Scan# 1001
 Delta R.T. 0.003 min
 Lab File: VV026264.D
 Acq: 15 Jun 2022 03:23

Tgt Ion: 128 Resp: 28796
 Ion Ratio Lower Upper
 128 100
 49 155.1 114.9 213.5
 130 137.3 89.1 165.5
 51 47.9 41.0 61.4





#25

Chloroform

Concen: 5.225 ug/L

RT: 4.384 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VV026264.D

Acq: 15 Jun 2022 03:23

Instrument :

MSVOA_V

ClientSampleId :

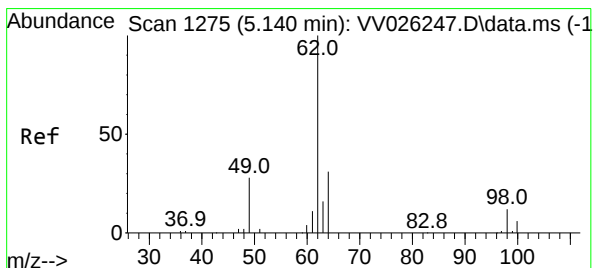
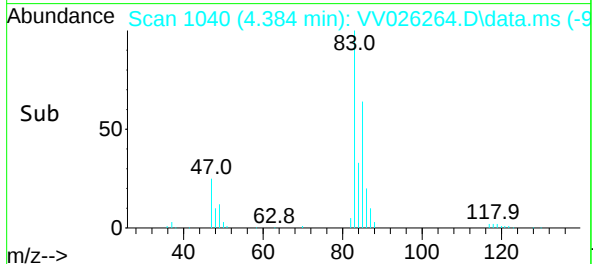
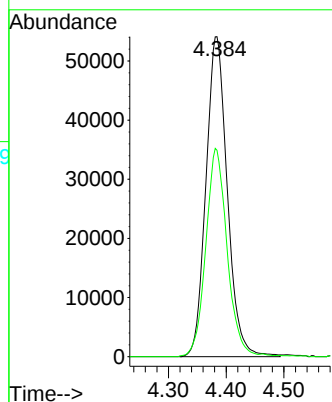
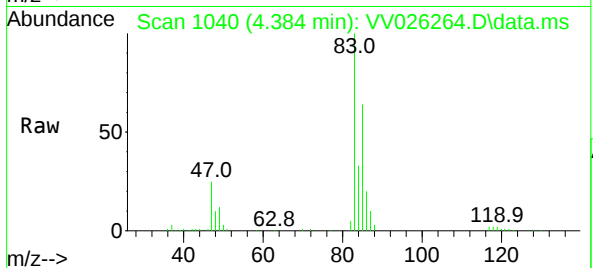
VSTD005315

Tgt Ion: 83 Resp: 138934

Ion Ratio Lower Upper

83 100

85 64.5 45.3 84.1



#27

1,2-Dichloroethane

Concen: 4.990 ug/L

RT: 5.136 min Scan# 1274

Delta R.T. -0.003 min

Lab File: VV026264.D

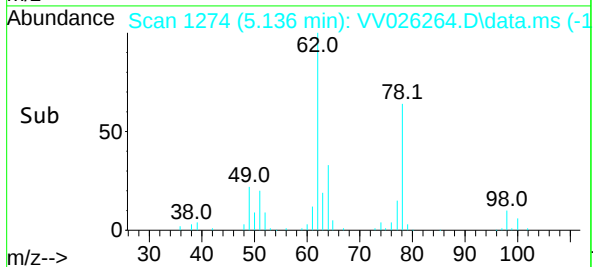
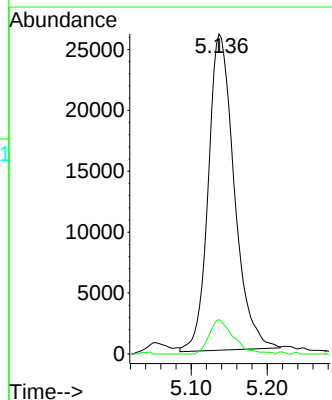
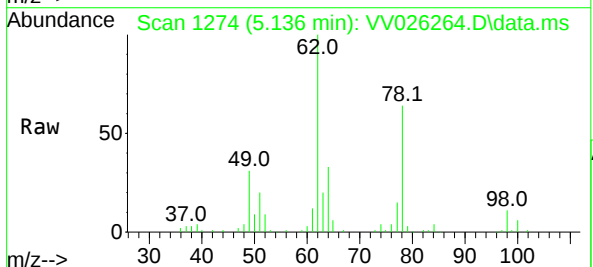
Acq: 15 Jun 2022 03:23

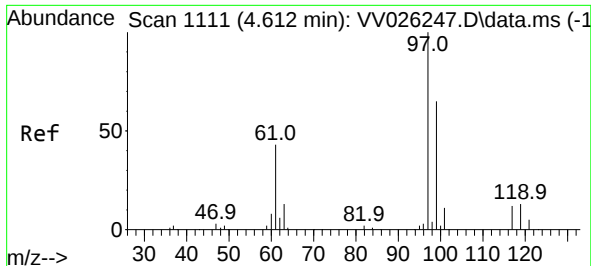
Tgt Ion: 62 Resp: 61660

Ion Ratio Lower Upper

62 100

98 10.7 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.067 ug/L

RT: 4.616 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV026264.D

Acq: 15 Jun 2022 03:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD005315

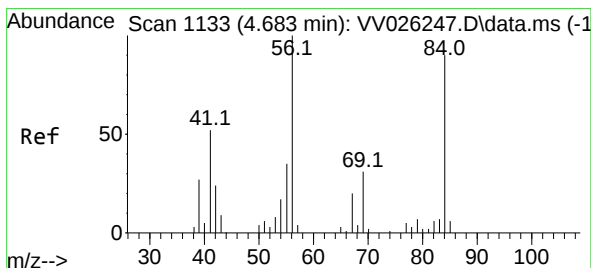
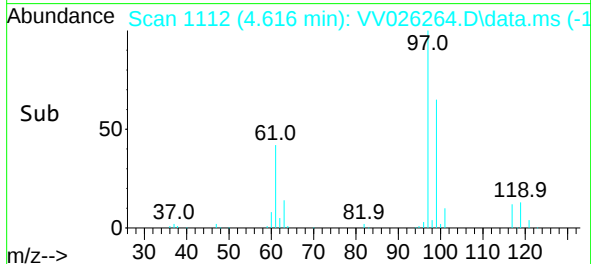
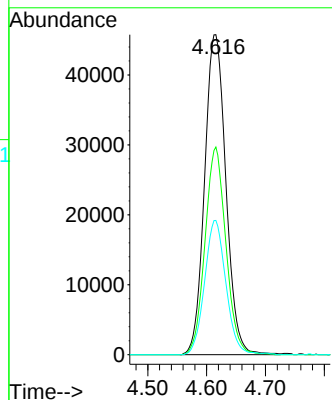
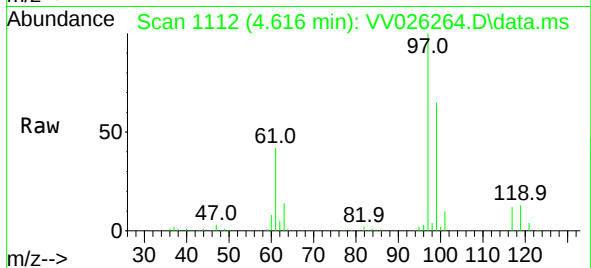
Tgt Ion: 97 Resp: 115396

Ion Ratio Lower Upper

97 100

99 63.6 51.0 76.4

61 41.8 34.9 52.3



#30

Cyclohexane

Concen: 4.734 ug/L

RT: 4.683 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VV026264.D

Acq: 15 Jun 2022 03:23

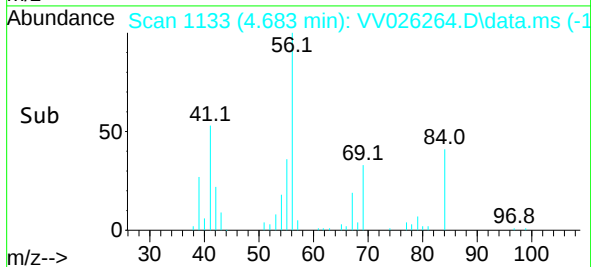
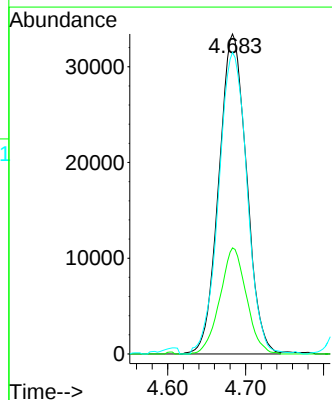
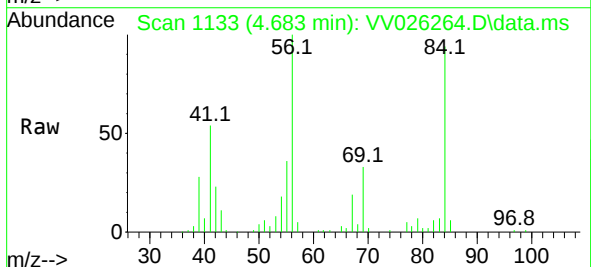
Tgt Ion: 56 Resp: 82559

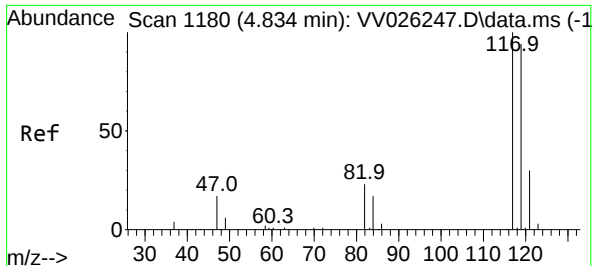
Ion Ratio Lower Upper

56 100

69 31.7 24.8 37.2

84 96.4 75.7 113.5

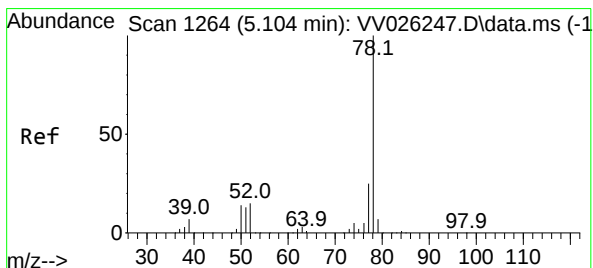
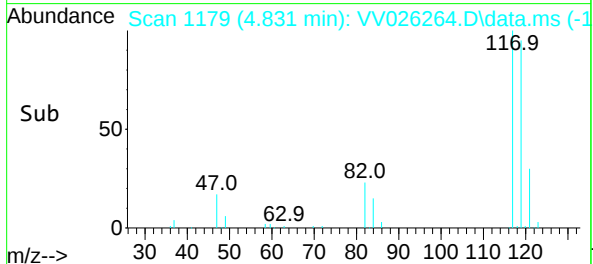
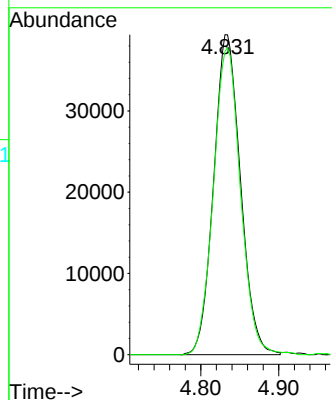
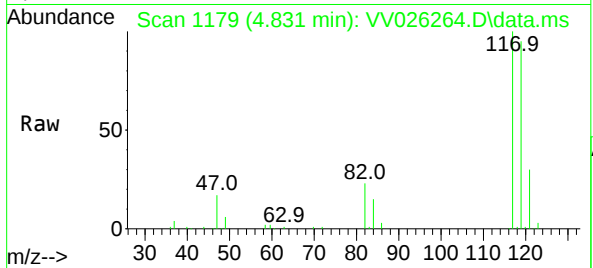




#31
Carbon tetrachloride
Concen: 5.110 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.003 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

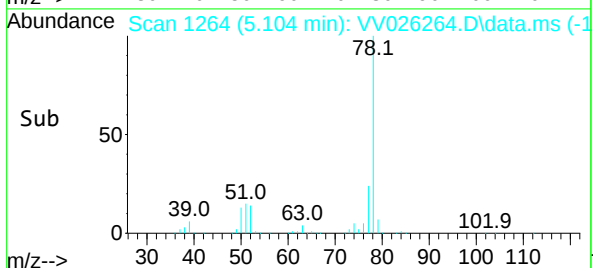
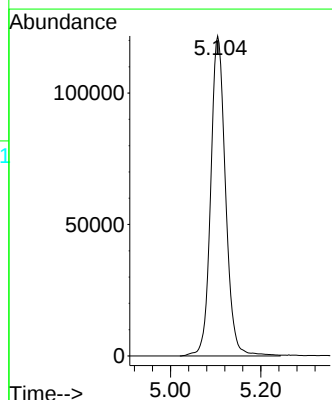
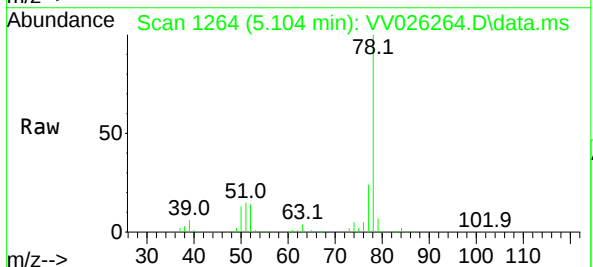
Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

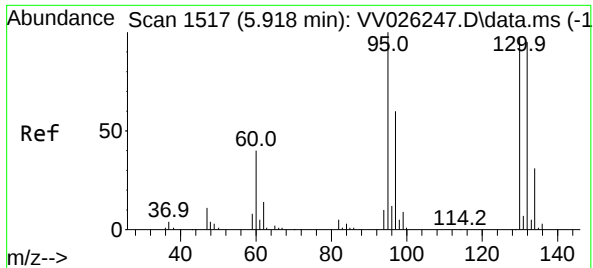
Tgt Ion:117 Resp: 94055
Ion Ratio Lower Upper
117 100
119 97.0 77.8 116.8



#33
Benzene
Concen: 5.283 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

Tgt Ion: 78 Resp: 277507



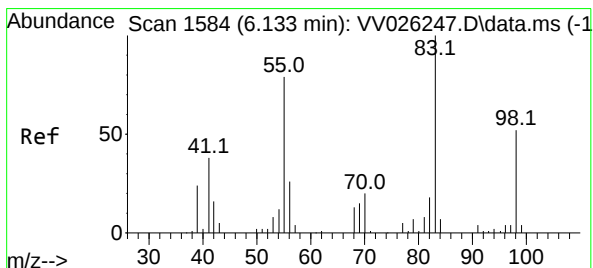
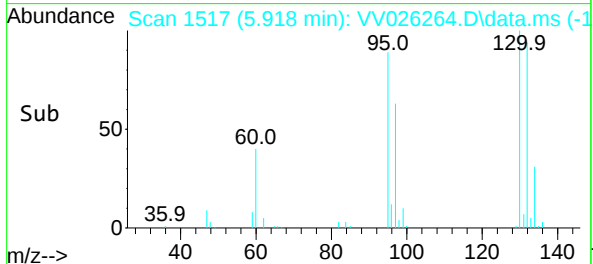
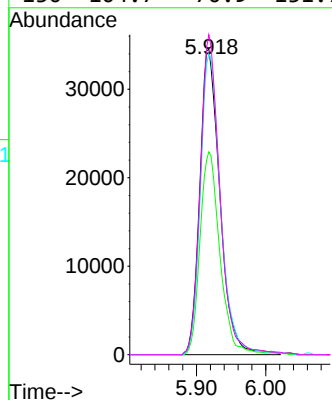
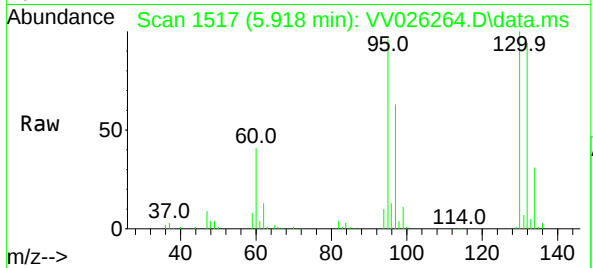


#34
Trichloroethene
Concen: 4.930 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

Tgt Ion: 95 Resp: 69941

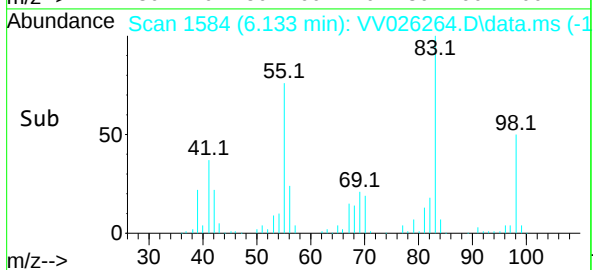
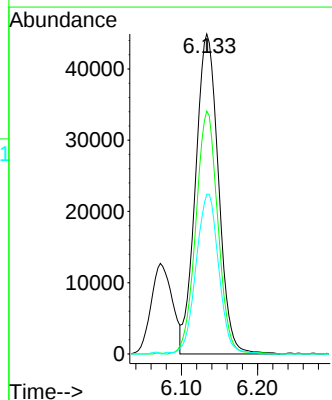
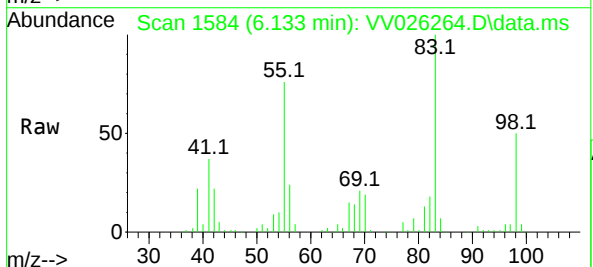
Ion	Ratio	Lower	Upper
95	100		
97	66.4	43.3	80.3
132	98.4	67.5	125.4
130	104.7	70.9	131.7

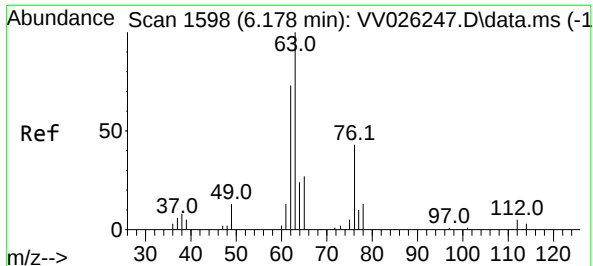


#35
Methylcyclohexane
Concen: 4.898 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

Tgt Ion: 83 Resp: 93952

Ion	Ratio	Lower	Upper
83	100		
55	73.0	59.5	89.3
98	49.5	38.4	57.6





#37

1,2-Dichloropropane

Concen: 4.974 ug/L

RT: 6.178 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV026264.D

Acq: 15 Jun 2022 03:23

Instrument :

MSVOA_V

ClientSampleId :

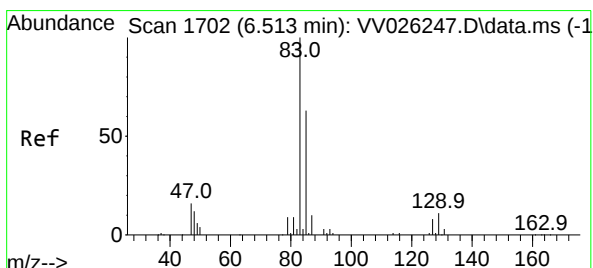
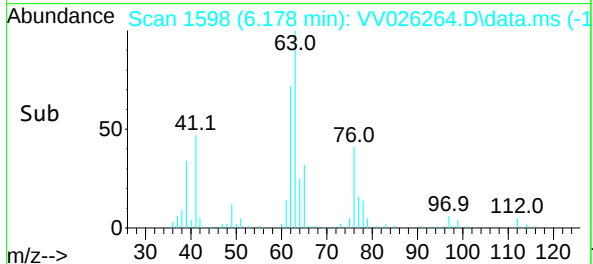
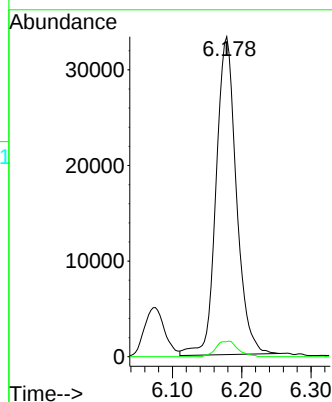
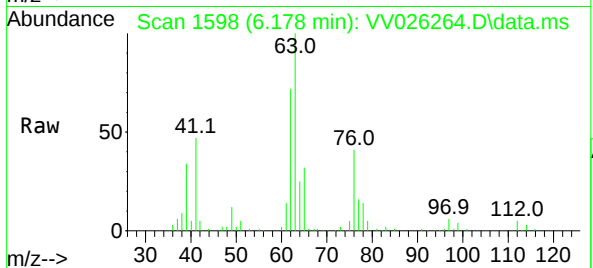
VSTD005315

Tgt Ion: 63 Resp: 67691

Ion Ratio Lower Upper

63 100

112 5.3 3.9 5.9



#38

Bromodichloromethane

Concen: 5.177 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VV026264.D

Acq: 15 Jun 2022 03:23

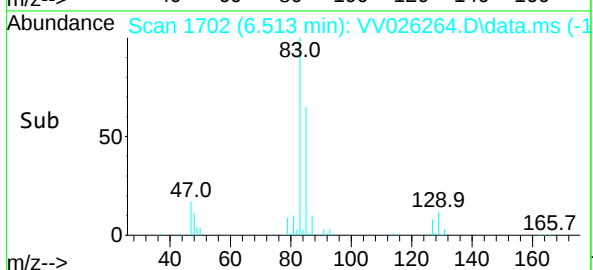
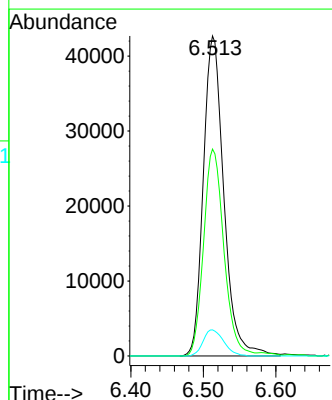
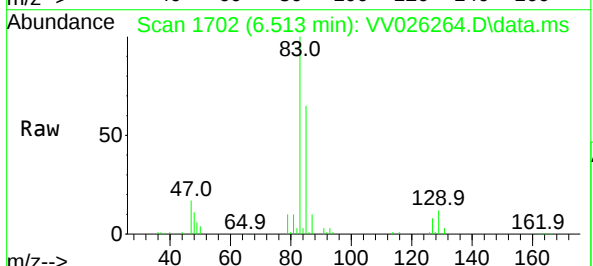
Tgt Ion: 83 Resp: 83903

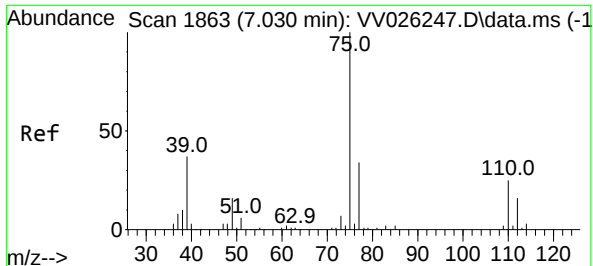
Ion Ratio Lower Upper

83 100

85 64.6 46.0 85.4

127 8.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.878 ug/L

RT: 7.030 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV026264.D

Acq: 15 Jun 2022 03:23

Instrument :

MSVOA_V

ClientSampleId :

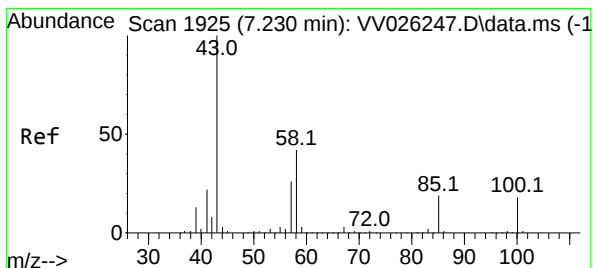
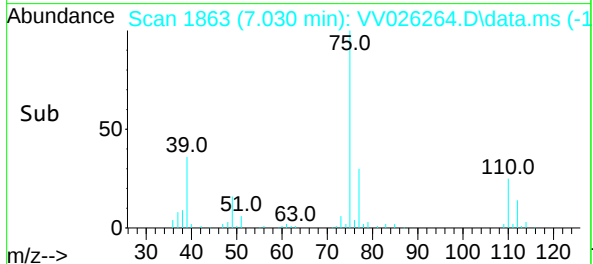
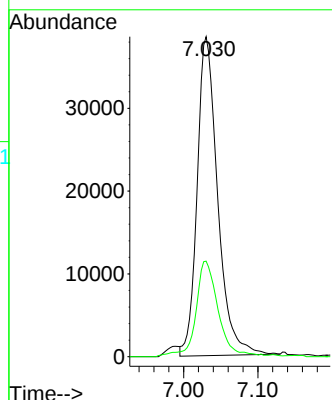
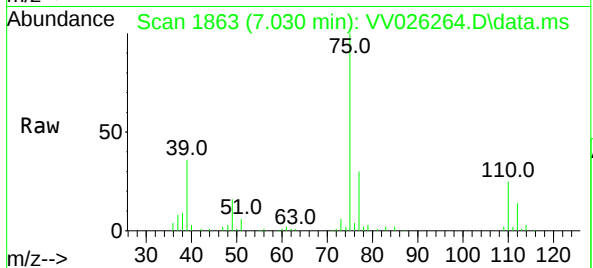
VSTD005315

Tgt Ion: 75 Resp: 74060

Ion Ratio Lower Upper

75 100

77 29.8 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 56.071 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. -0.000 min

Lab File: VV026264.D

Acq: 15 Jun 2022 03:23

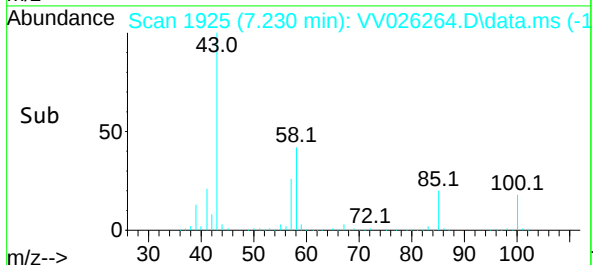
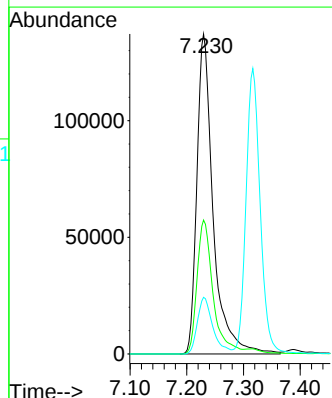
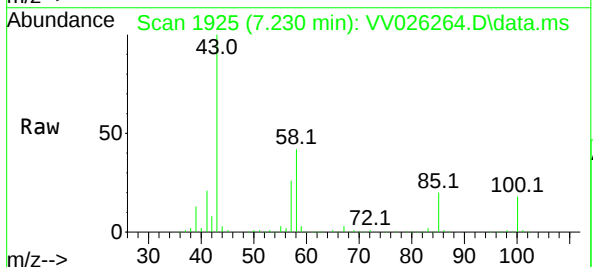
Tgt Ion: 43 Resp: 273042

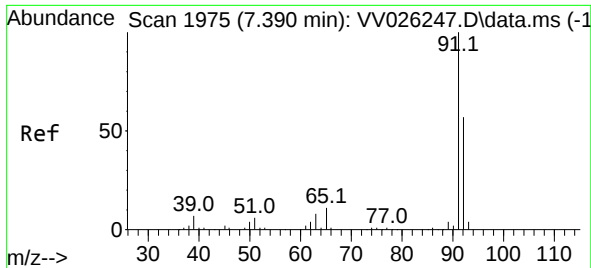
Ion Ratio Lower Upper

43 100

58 41.2 30.9 46.3

100 16.9 12.0 18.0





#42

Toluene

Concen: 5.384 ug/L

RT: 7.387 min Scan# 1975

Delta R.T. -0.003 min

Lab File: VV026264.D

Acq: 15 Jun 2022 03:23

Instrument :

MSVOA_V

ClientSampleId :

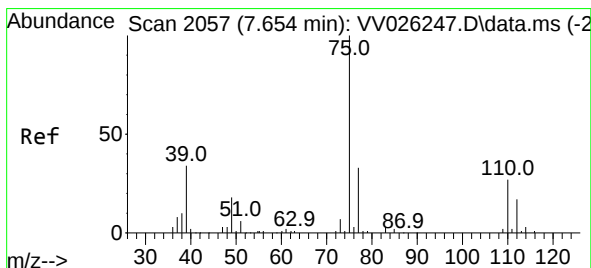
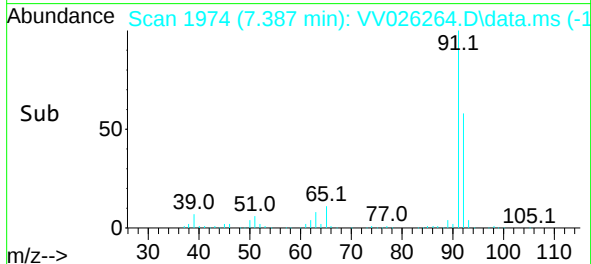
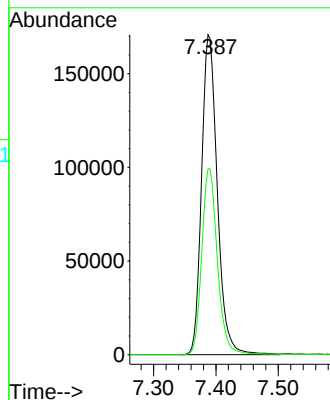
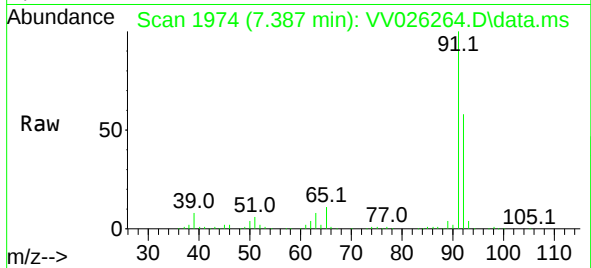
VSTD005315

Tgt Ion: 91 Resp: 299421

Ion Ratio Lower Upper

91 100

92 58.1 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.250 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VV026264.D

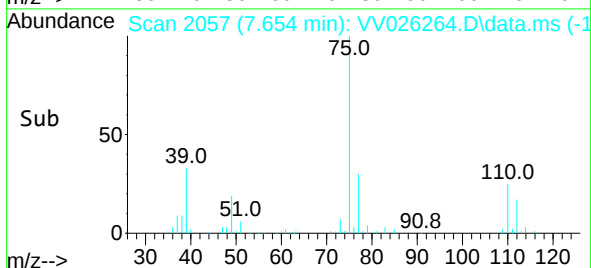
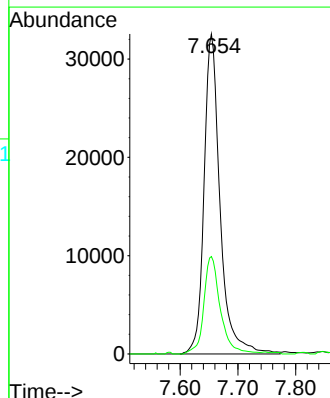
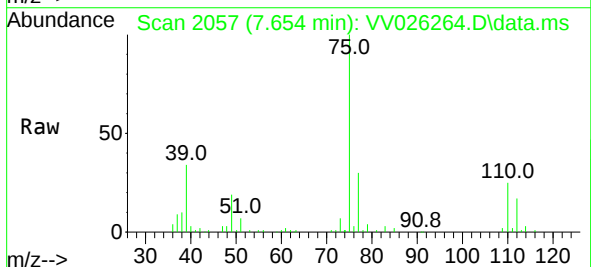
Acq: 15 Jun 2022 03:23

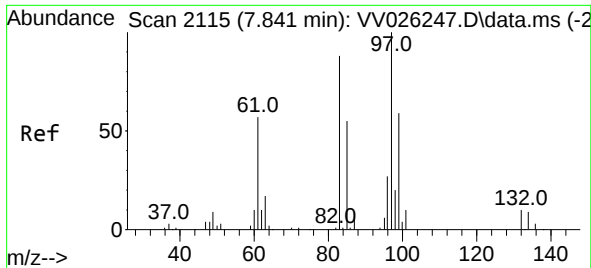
Tgt Ion: 75 Resp: 62696

Ion Ratio Lower Upper

75 100

77 30.4 22.3 41.3

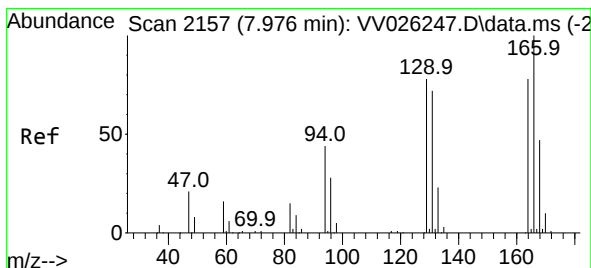
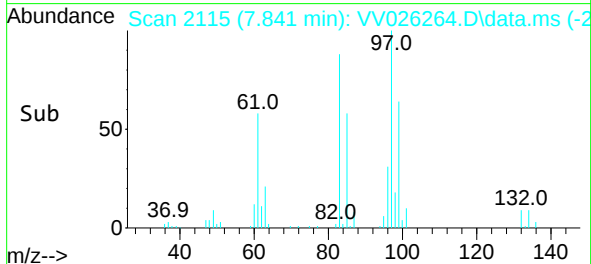
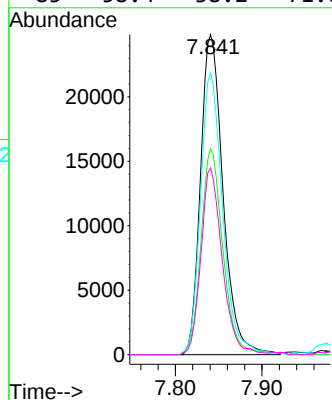
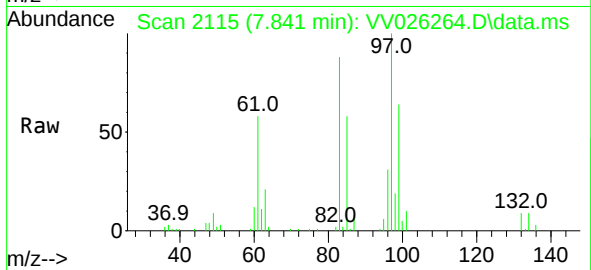




#45
1,1,2-Trichloroethane
Concen: 5.256 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

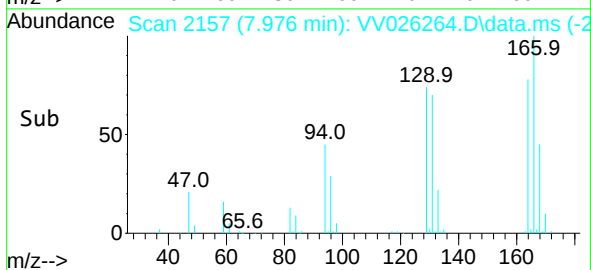
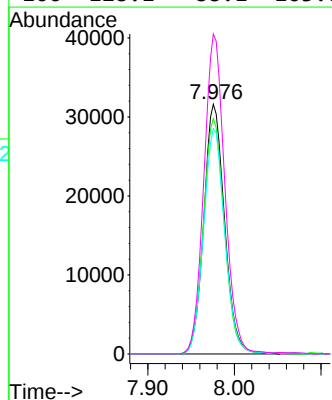
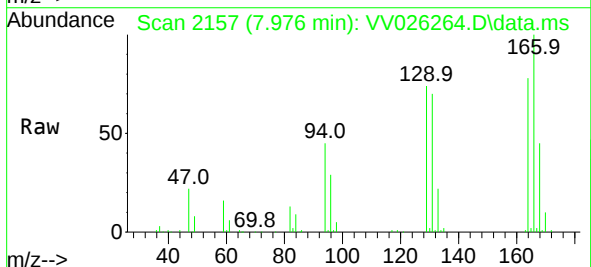
Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

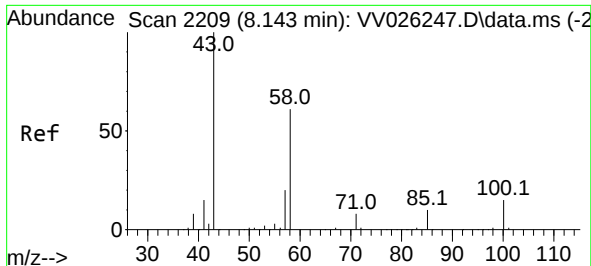
Tgt Ion: 97	Resp: 45015
Ion Ratio	Lower Upper
97 100	
99 64.3	43.0 80.0
83 87.9	58.4 108.4
85 58.4	38.2 71.0



#47
Tetrachloroethene
Concen: 5.158 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

Tgt	Ion:164	Resp:	52544
Ion	Ratio	Lower	Upper
164	100		
129	94.2	66.1	122.7
131	90.2	65.0	120.6
166	128.1	88.1	163.7



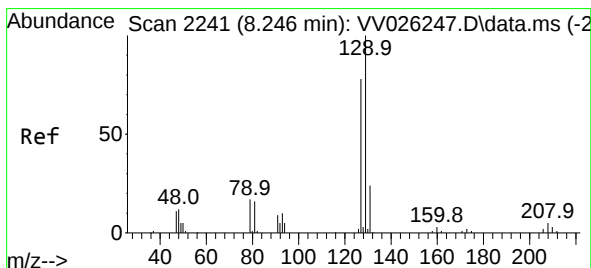
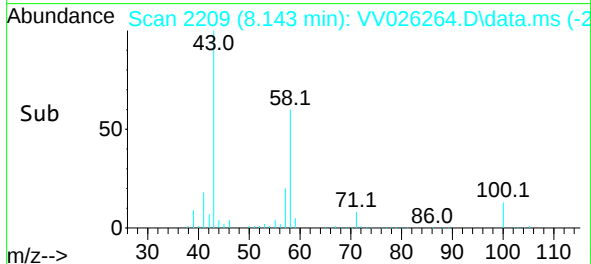
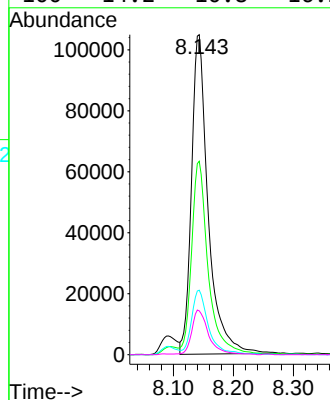
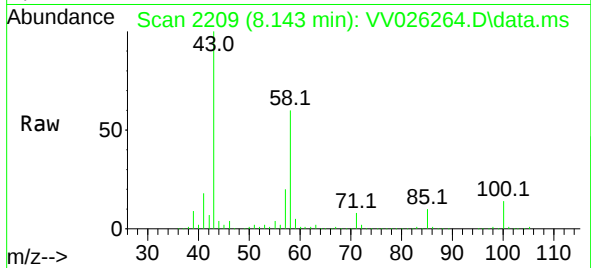


#48
2-Hexanone
Concen: 58.639 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

Tgt Ion: 43 Resp: 202774

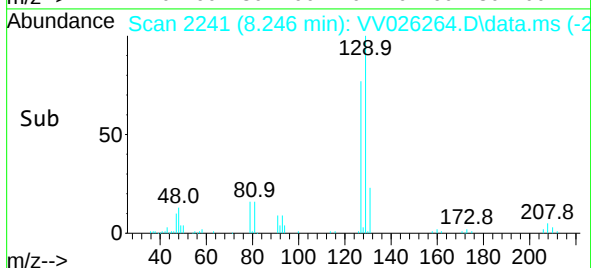
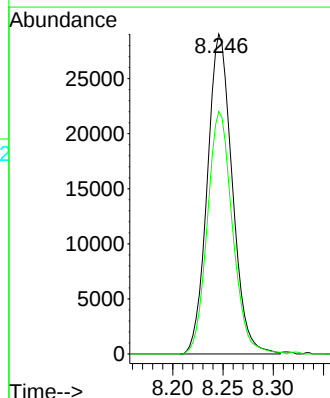
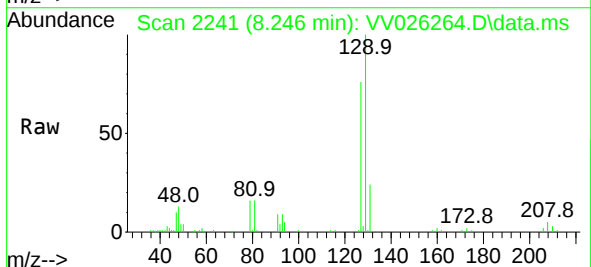
Ion	Ratio	Lower	Upper
43	100		
58	59.3	46.1	69.1
57	20.3	15.3	22.9
100	14.2	10.8	16.2

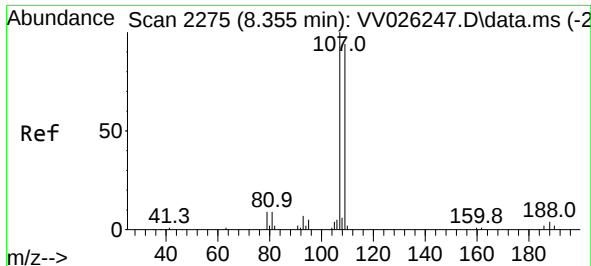


#49
Dibromochloromethane
Concen: 5.362 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

Tgt Ion: 129 Resp: 50127

Ion	Ratio	Lower	Upper
129	100		
127	75.7	50.9	94.5





#50

1,2-Dibromoethane

Concen: 5.387 ug/L

RT: 8.355 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV026264.D

Acq: 15 Jun 2022 03:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD005315

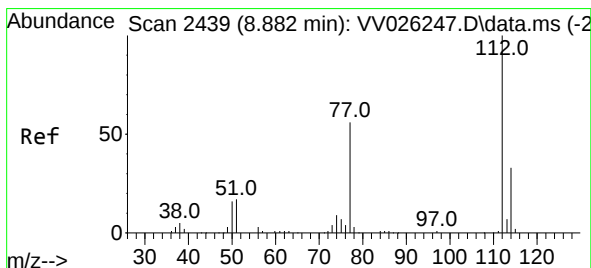
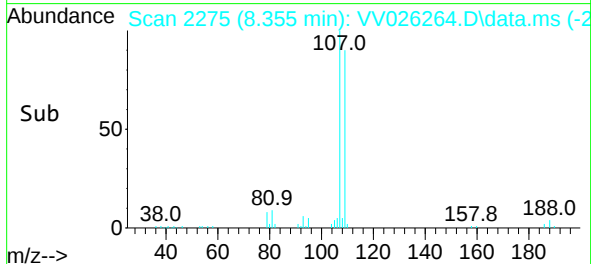
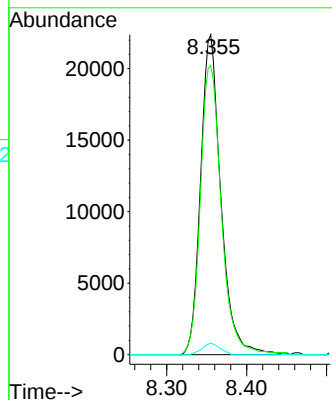
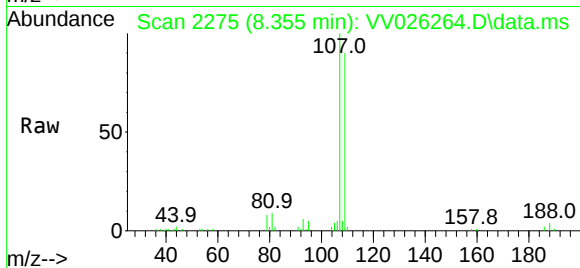
Tgt Ion:107 Resp: 39469

Ion Ratio Lower Upper

107 100

109 90.3 66.9 124.3

188 3.5 2.9 4.3



#51

Chlorobenzene

Concen: 5.132 ug/L

RT: 8.882 min Scan# 2439

Delta R.T. -0.000 min

Lab File: VV026264.D

Acq: 15 Jun 2022 03:23

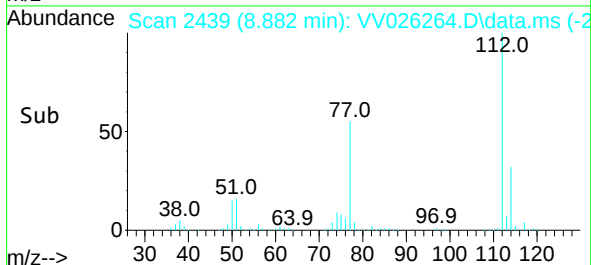
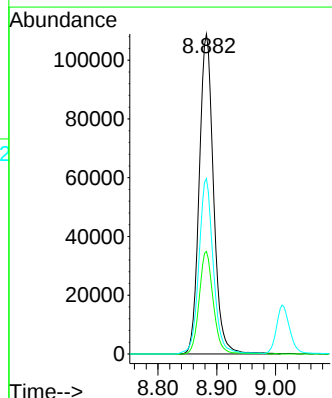
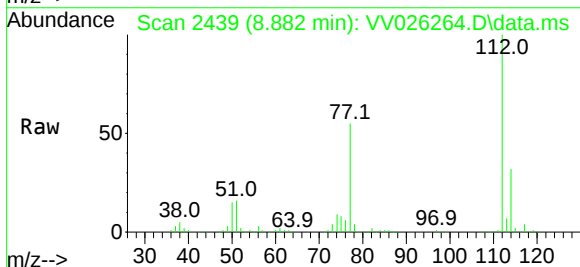
Tgt Ion:112 Resp: 183511

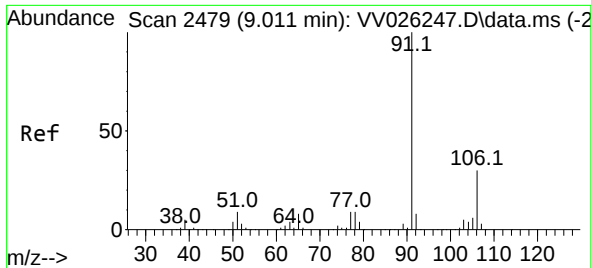
Ion Ratio Lower Upper

112 100

114 32.1 21.8 40.6

77 54.8 44.6 66.8

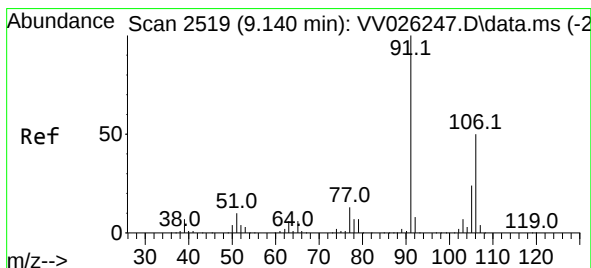
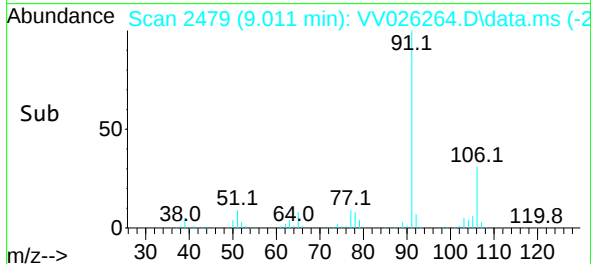
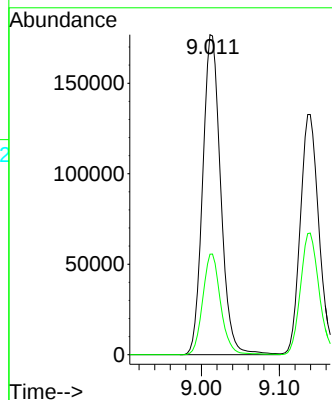
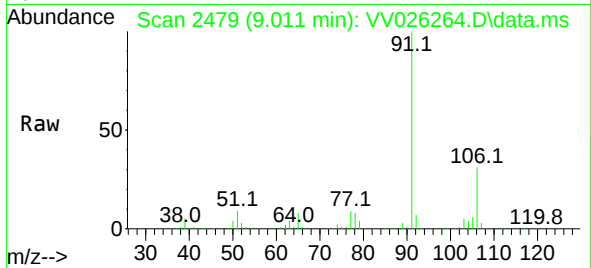




#52
Ethylbenzene
Concen: 5.139 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

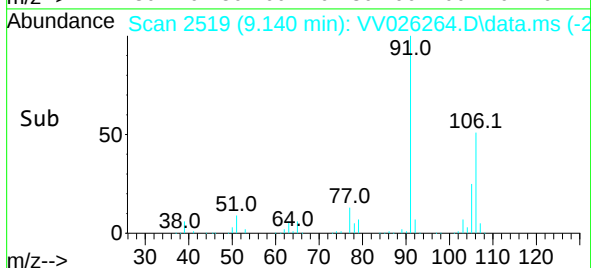
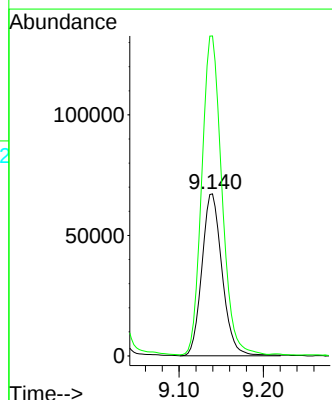
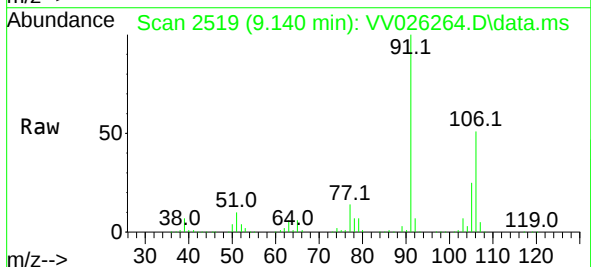
Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

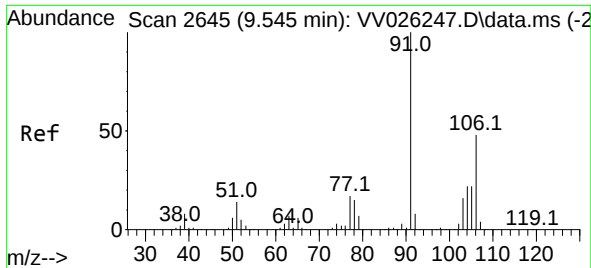
Tgt Ion: 91 Resp: 283600
Ion Ratio Lower Upper
91 100
106 31.4 22.3 41.3



#53
m,p-Xylene
Concen: 5.297 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. -0.000 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

Tgt Ion: 106 Resp: 111893
Ion Ratio Lower Upper
106 100
91 197.5 142.0 263.8

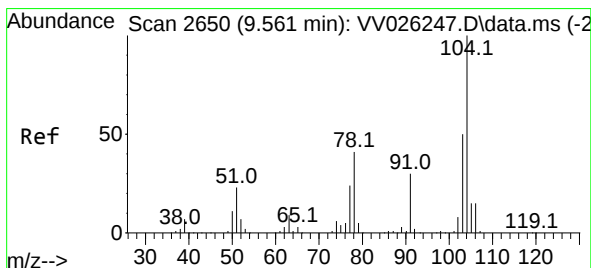
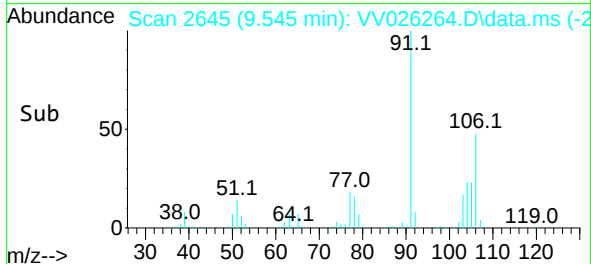
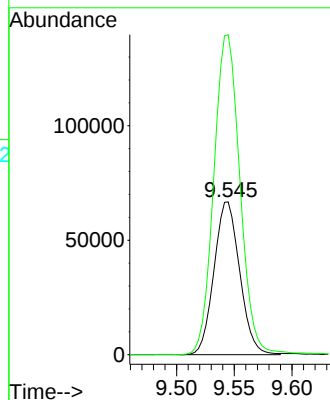
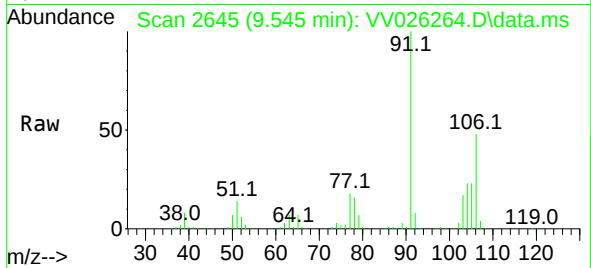




#54
o-Xylene
Concen: 5.065 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

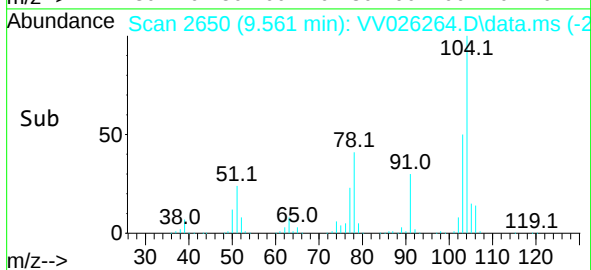
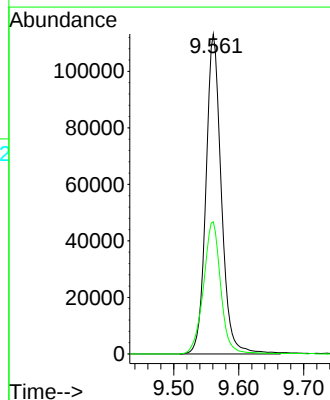
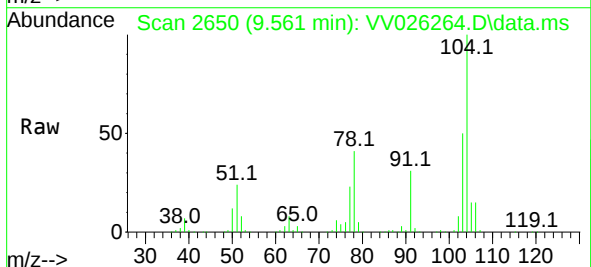
Instrument : MSVOA_V
ClientSampleId : VSTD005315

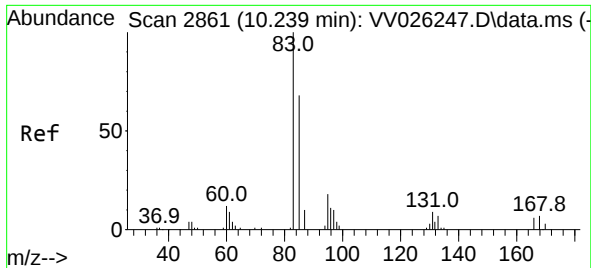
Tgt Ion:106 Resp: 103432
Ion Ratio Lower Upper
106 100
91 209.5 149.0 276.6



#55
Styrene
Concen: 5.557 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. -0.000 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

Tgt Ion:104 Resp: 187107
Ion Ratio Lower Upper
104 100
78 41.3 29.7 55.1

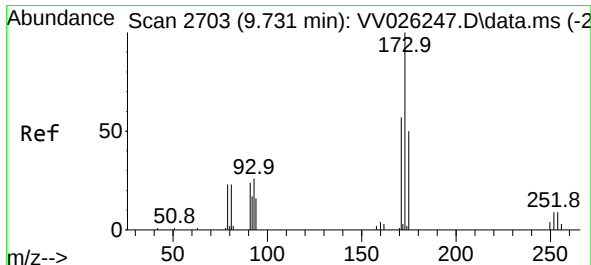
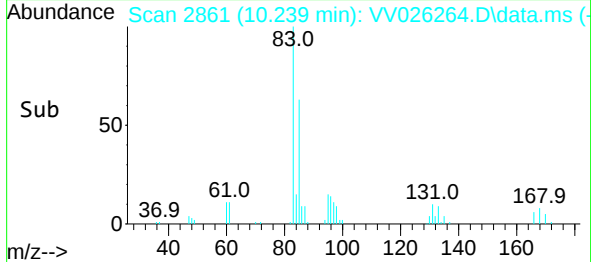
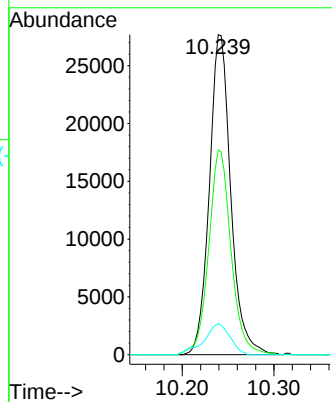
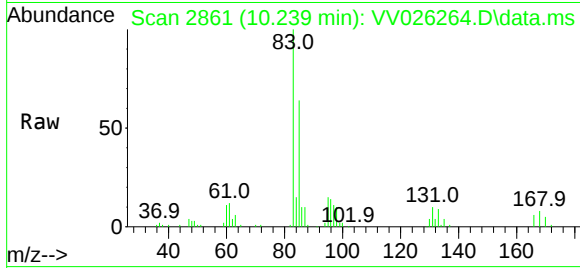




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.182 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV026264.D
 Acq: 15 Jun 2022 03:23

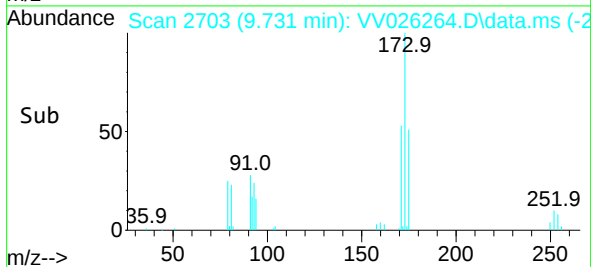
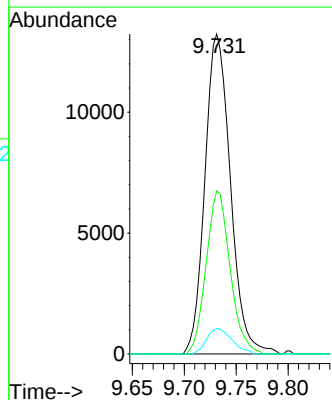
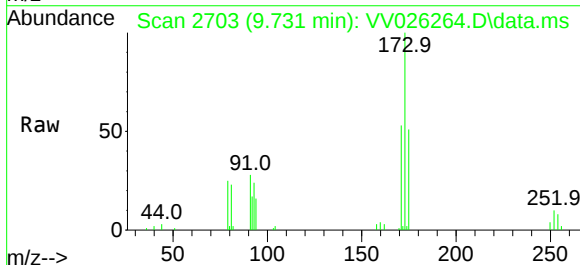
Instrument : MSVOA_V
 ClientSampleId : VSTD005315

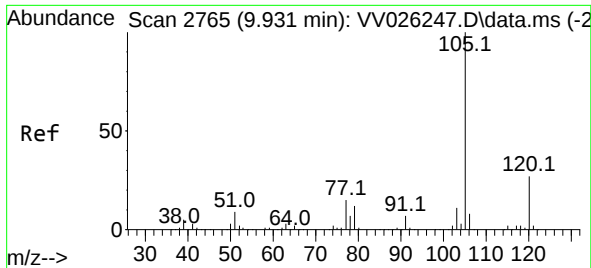
Tgt Ion:	83	Resp:	44995
Ion	Ratio	Lower	Upper
83	100		
85	63.9	45.8	85.2
131	9.6	7.1	10.7



#59
 Bromoform
 Concen: 5.219 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.000 min
 Lab File: VV026264.D
 Acq: 15 Jun 2022 03:23

Tgt Ion:	173	Resp:	22604
Ion	Ratio	Lower	Upper
173	100		
175	47.8	37.4	56.2
254	7.9	6.5	9.7

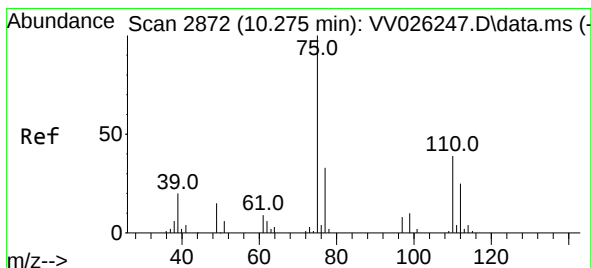
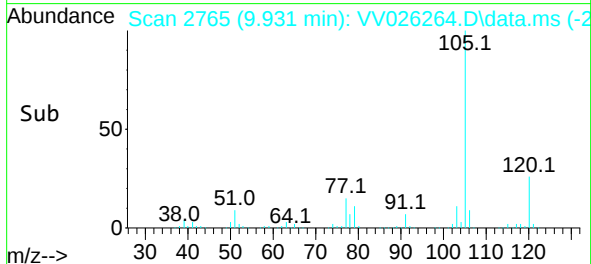
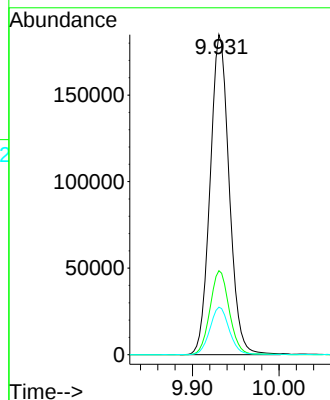
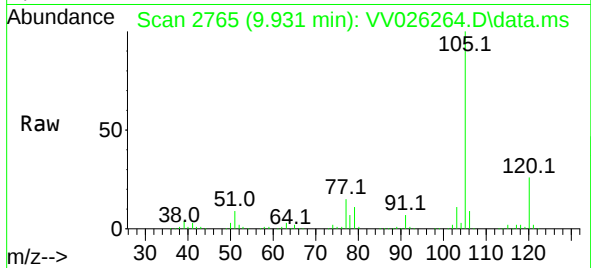




#60
Isopropylbenzene
Concen: 4.802 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

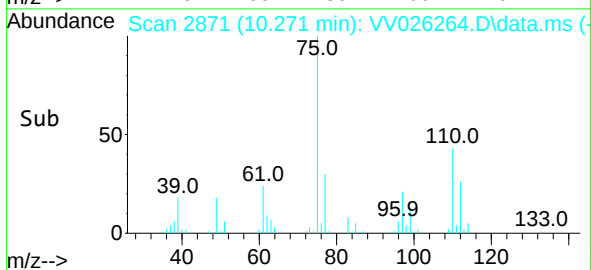
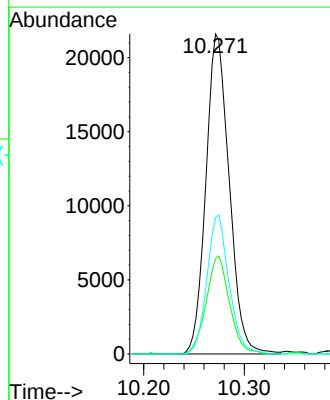
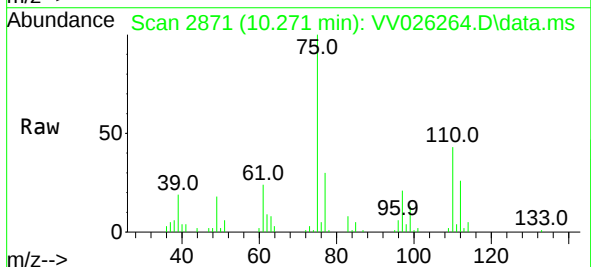
Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

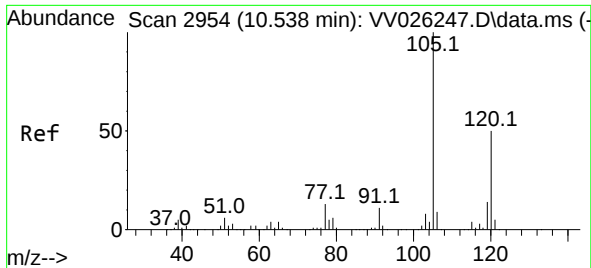
Tgt Ion:105 Resp: 283202
Ion Ratio Lower Upper
105 100
120 26.5 21.4 32.0
77 15.1 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 5.029 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

Tgt Ion: 75 Resp: 34784
Ion Ratio Lower Upper
75 100
77 30.5 27.8 41.8
110 41.0 33.0 49.4

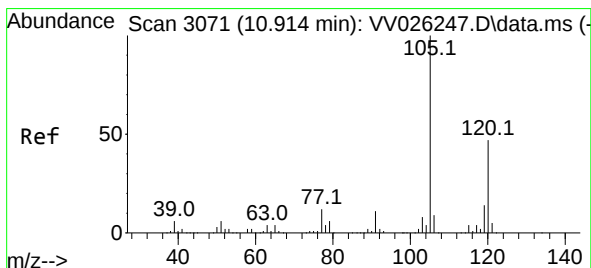
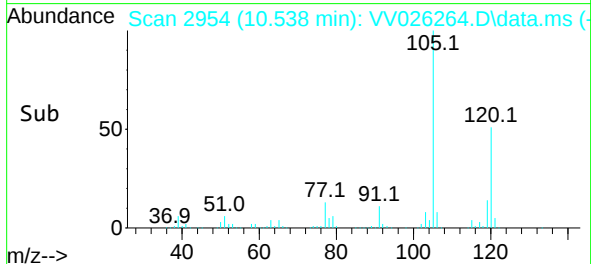
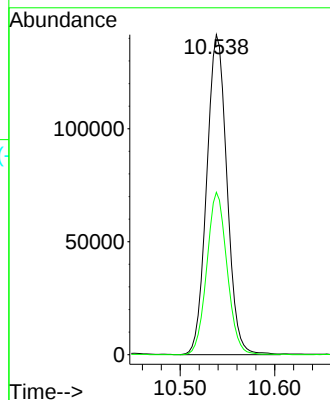
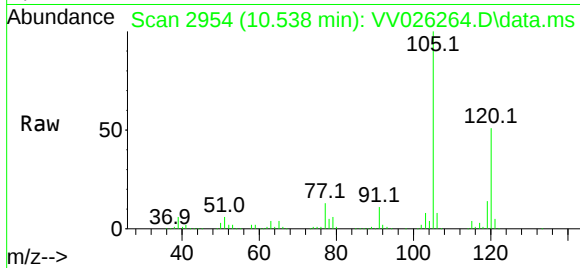




#62
 1,3,5-Trimethylbenzene
 Concen: 4.538 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV026264.D
 Acq: 15 Jun 2022 03:23

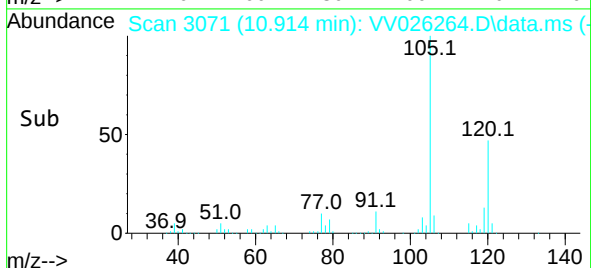
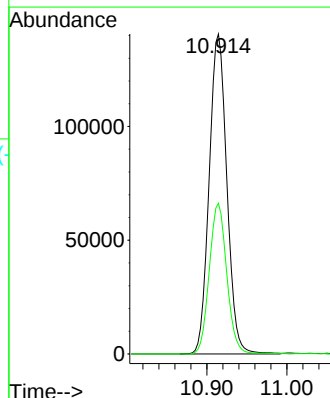
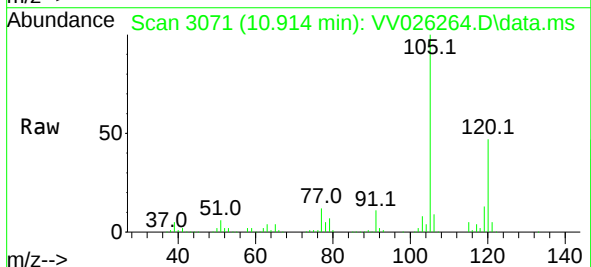
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005315

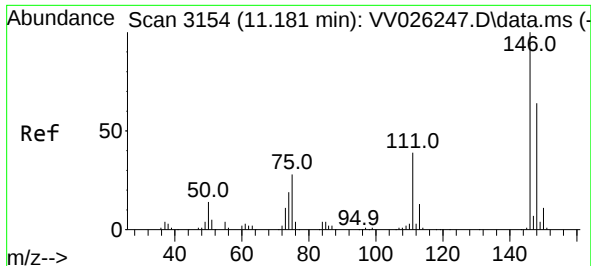
Tgt Ion:105 Resp: 211037
 Ion Ratio Lower Upper
 105 100
 120 50.7 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 4.729 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV026264.D
 Acq: 15 Jun 2022 03:23

Tgt Ion:105 Resp: 216453
 Ion Ratio Lower Upper
 105 100
 120 46.7 36.9 55.3

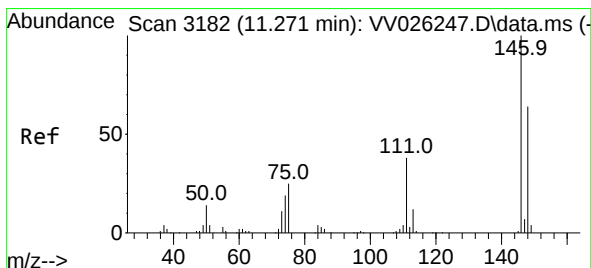
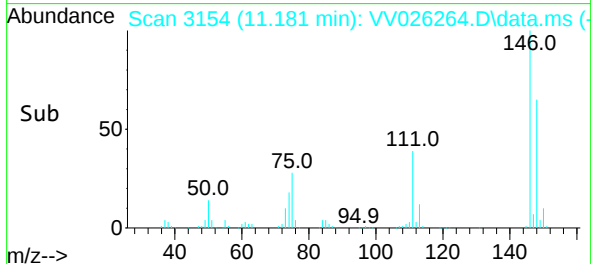
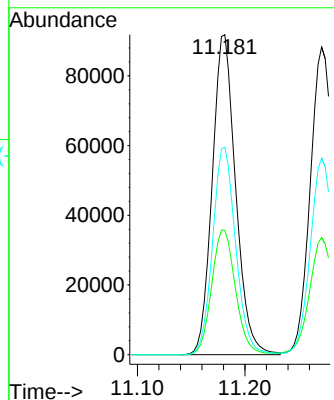
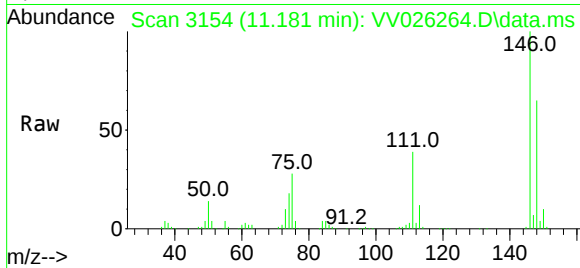




#64
1,3-Dichlorobenzene
Concen: 4.939 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

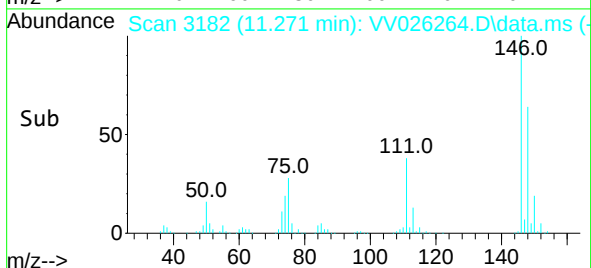
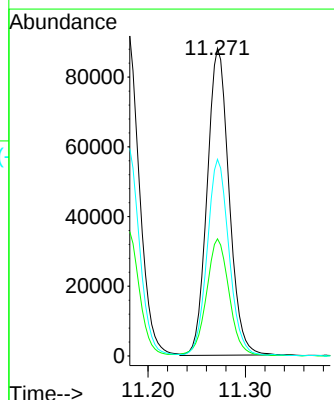
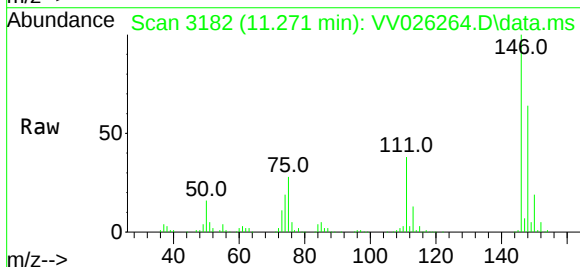
Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

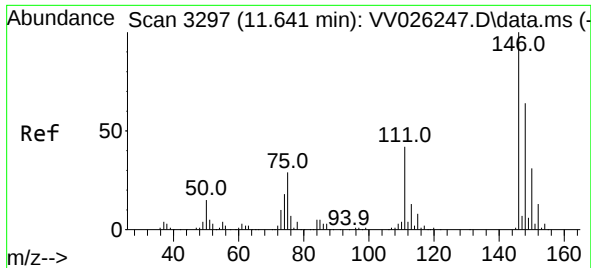
Tgt Ion:146 Resp: 138870
Ion Ratio Lower Upper
146 100
111 38.9 27.2 50.4
148 64.9 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 4.935 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

Tgt Ion:146 Resp: 137640
Ion Ratio Lower Upper
146 100
111 38.1 27.2 50.4
148 63.9 45.9 85.3

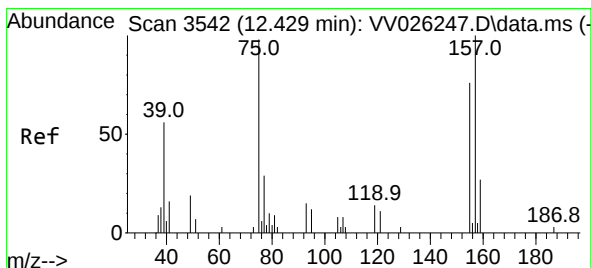
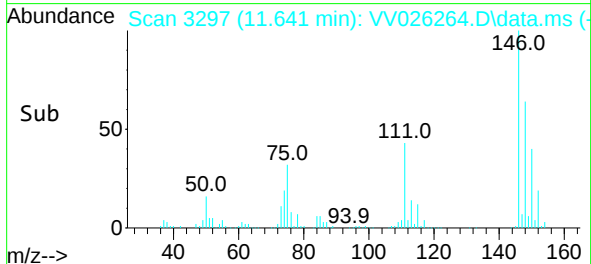
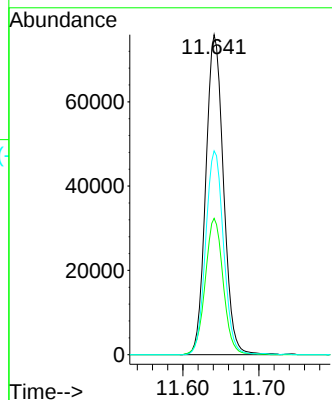
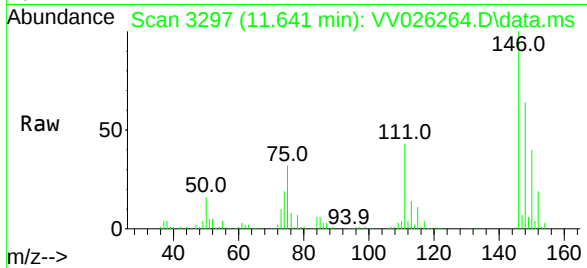




#67
1,2-Dichlorobenzene
Concen: 4.861 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

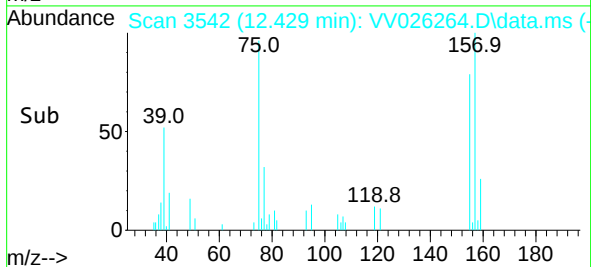
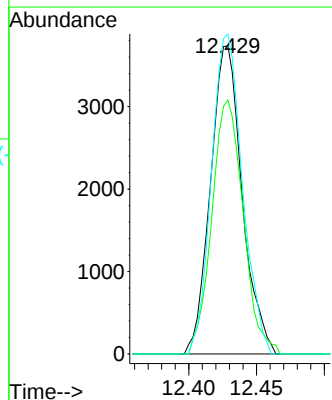
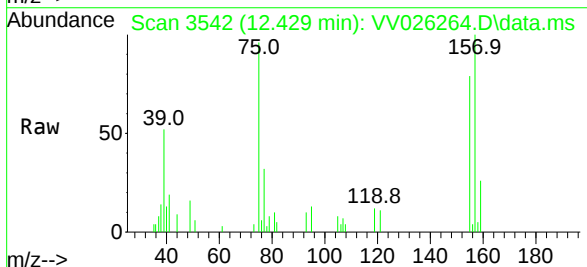
Instrument :
MSVOA_V
ClientSampleId :
VSTD005315

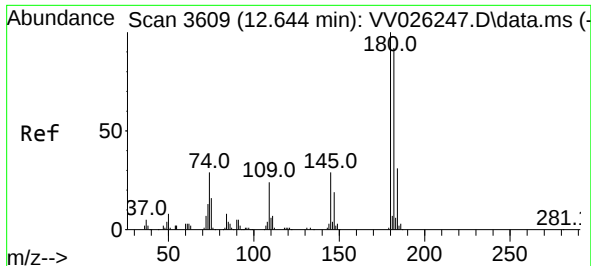
Tgt Ion:146 Resp: 122551
Ion Ratio Lower Upper
146 100
111 42.6 32.6 49.0
148 63.7 51.7 77.5



#68
1,2-Dibromo-3-chloropropane
Concen: 5.006 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. -0.000 min
Lab File: VV026264.D
Acq: 15 Jun 2022 03:23

Tgt Ion: 75 Resp: 6077
Ion Ratio Lower Upper
75 100
155 82.4 67.0 100.6
157 103.9 77.7 116.5

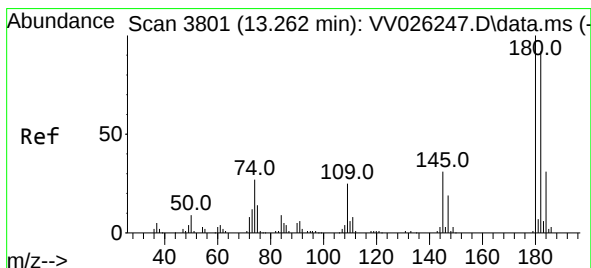
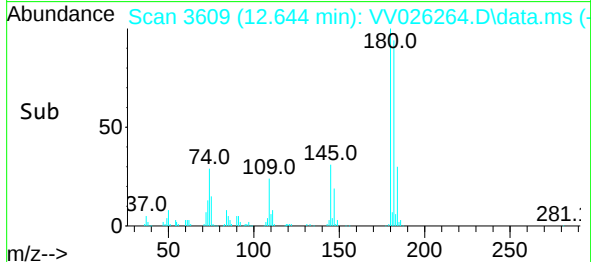
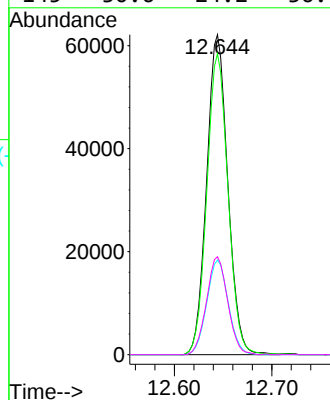
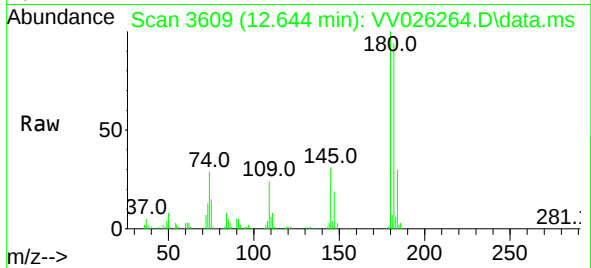




#69
 1,3,5-Trichlorobenzene
 Concen: 4.752 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV026264.D
 Acq: 15 Jun 2022 03:23

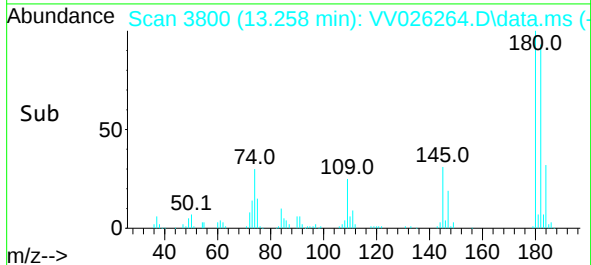
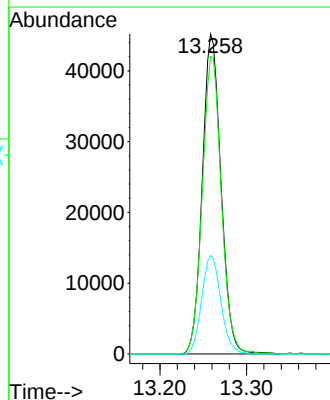
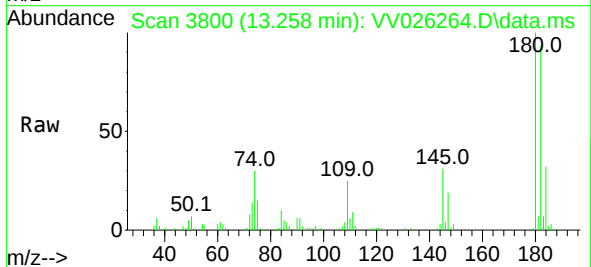
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005315

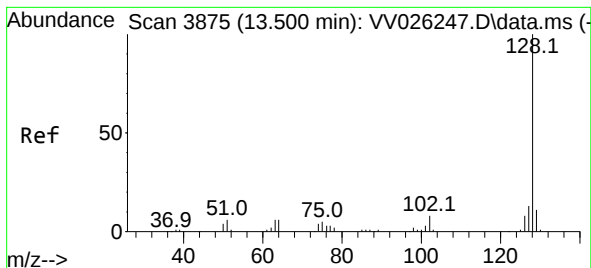
Tgt Ion:180	Resp:	93898
Ion Ratio	Lower	Upper
180	100	
182	94.0	74.6 111.8
184	30.0	23.5 35.3
145	30.6	24.2 36.4



#70
 1,2,4-trichlorobenzene
 Concen: 4.742 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.003 min
 Lab File: VV026264.D
 Acq: 15 Jun 2022 03:23

Tgt Ion:180	Resp:	67466
Ion Ratio	Lower	Upper
180	100	
182	94.9	75.8 113.6
145	31.6	23.8 35.8





#71

Naphthalene

Concen: 4.675 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV026264.D

Acq: 15 Jun 2022 03:23

Instrument :

MSVOA_V

ClientSampleId :

VSTD005315

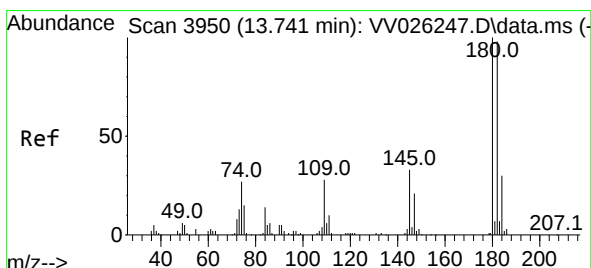
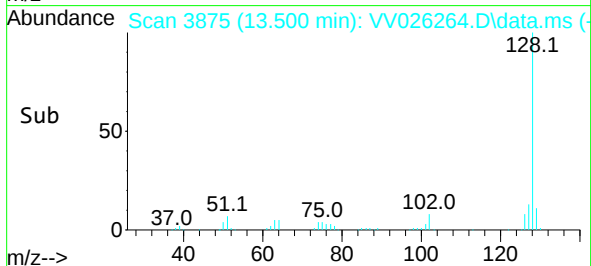
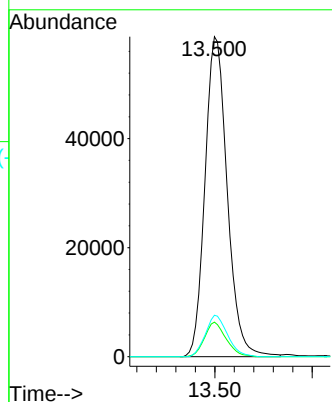
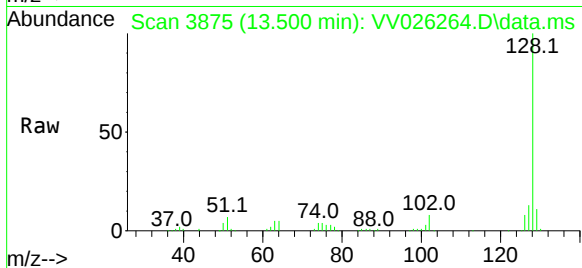
Tgt Ion:128 Resp: 92973

Ion Ratio Lower Upper

128 100

129 10.4 9.0 13.4

127 12.9 10.5 15.7



#72

1,2,3-Trichlorobenzene

Concen: 4.968 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV026264.D

Acq: 15 Jun 2022 03:23

Tgt Ion:180 Resp: 58345

Ion Ratio Lower Upper

180 100

182 96.8 72.3 108.5

145 32.5 25.4 38.0

