

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026450.D
 Acq On : 20 Jun 2022 16:56
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005329

Quant Time: Jun 21 02:35:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 02:31:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	206827	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	190225	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	96446	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	68861	3.833	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.600%
7) Chloroethane-d5	1.587	69	59279	4.197	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.000%
11) 1,1-Dichloroethene-d2	2.127	63	133630	4.332	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.600%
20) 2-Butanone-d5	3.931	46	93833	53.530	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.060%
24) Chloroform-d	4.368	84	136913	5.200	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.000%
26) 1,2-Dichloroethane-d4	5.047	65	53293	4.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.063	84	268253	5.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
36) 1,2-Dichloropropane-d6	6.079	67	77736	5.237	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.800%
41) Toluene-d8	7.320	98	256040	5.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.400%
43) trans-1,3-Dichloroprop...	7.629	79	19368	4.024	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.400%
46) 2-Hexanone-d5	8.095	63	71419	49.122	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.240%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48389	5.292	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	75789	5.102	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.150	85	73912	4.779	ug/L	100
3) Chloromethane	1.259	50	72895	4.245	ug/L	97
5) Vinyl chloride	1.330	62	81203	4.548	ug/L	83
6) Bromomethane	1.542	94	38604	3.869	ug/L	96
8) Chloroethane	1.603	64	120518	10.874	ug/L	86
9) Trichlorofluoromethane	1.770	101	123703	5.020	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.134	101	73772	5.162	ug/L	99
12) 1,1-Dichloroethene	2.137	96	65800	5.036	ug/L	94
13) Acetone	2.224	43	62425	45.953	ug/L	96
14) Carbon disulfide	2.310	76	142833	4.433	ug/L	99
15) Methyl Acetate	2.465	43	15170	4.654	ug/L	94
16) Methylene chloride	2.526	84	79221	4.752	ug/L	98
17) Methyl tert-butyl Ether	2.793	73	115482	5.140	ug/L	99
18) trans-1,2-Dichloroethene	2.780	96	65832	5.195	ug/L	98
19) 1,1-Dichloroethane	3.208	63	131093	5.424	ug/L	99
21) 2-Butanone	4.015	43	92332	52.529	ug/L #	68
22) cis-1,2-Dichloroethene	3.934	96	71467	5.574	ug/L	94
23) Bromochloromethane	4.269	128	29479	5.418	ug/L	94
25) Chloroform	4.394	83	138106	5.268	ug/L	97

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Instrument :
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 ClientSampleId :
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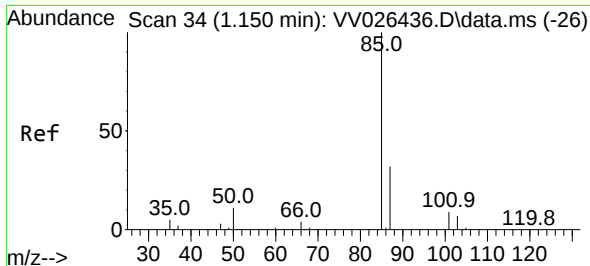
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.146	62	62566	5.243	ug/L	98
29) 1,1,1-Trichloroethane	4.625	97	120016	5.710	ug/L	98
30) Cyclohexane	4.693	56	81816	5.204	ug/L	99
31) Carbon tetrachloride	4.841	117	96343	5.412	ug/L	99
33) Benzene	5.111	78	280729	5.756	ug/L	100
34) Trichloroethene	5.924	95	70220	5.274	ug/L	99
35) Methylcyclohexane	6.140	83	97544	5.296	ug/L	97
37) 1,2-Dichloropropane	6.182	63	72004	5.645	ug/L	98
38) Bromodichloromethane	6.516	83	81158	5.246	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	70837	4.866	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	245687	52.383	ug/L	98
42) Toluene	7.391	91	306849	5.982	ug/L	98
44) trans-1,3-Dichloropropene	7.658	75	54588	4.695	ug/L	97
45) 1,1,2-Trichloroethane	7.844	97	43889	5.242	ug/L	93
47) Tetrachloroethene	7.979	164	55539	5.631	ug/L	97
48) 2-Hexanone	8.143	43	172575	51.357	ug/L	99
49) Dibromochloromethane	8.249	129	46364	5.000	ug/L	100
50) 1,2-Dibromoethane	8.355	107	38436	5.387	ug/L	98
51) Chlorobenzene	8.883	112	189084	5.646	ug/L	99
52) Ethylbenzene	9.014	91	303941	5.911	ug/L	97
53) m,p-Xylene	9.140	106	120397	6.007	ug/L	95
54) o-Xylene	9.545	106	113213	5.830	ug/L	98
55) Styrene	9.561	104	196021	6.012	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	48665	5.730	ug/L	100
59) Bromoform	9.731	173	18782	4.435	ug/L	99
60) Isopropylbenzene	9.931	105	308548	6.001	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	32036	5.119	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	235510	5.773	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	240005	5.943	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	146362	5.793	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	143270	5.580	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	123175	5.504	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5393	4.865	ug/L	93
69) 1,3,5-Trichlorobenzene	12.644	180	100666	5.511	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	70449	5.229	ug/L	100
71) Naphthalene	13.500	128	87751	4.691	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	57898	5.133	ug/L	99

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

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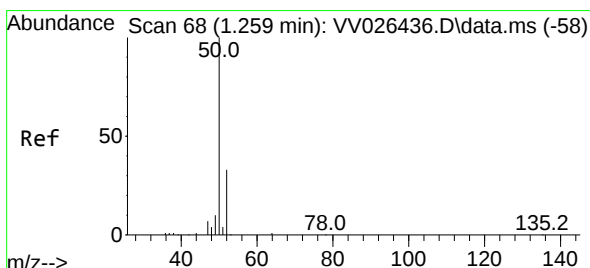
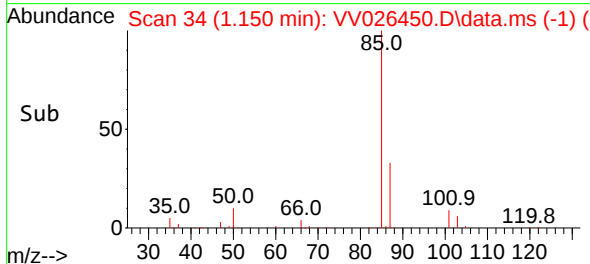
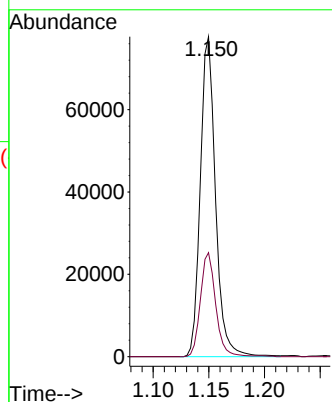
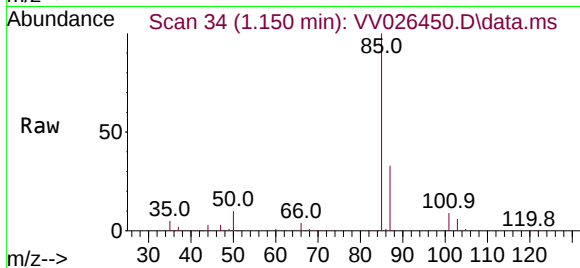




#2
 Dichlorodifluoromethane
 Concen: 4.779 ug/L
 RT: 1.150 min Scan# 34
 Delta R.T. 0.000 min
 Lab File: VV026450.D
 Acq: 20 Jun 2022 16:56

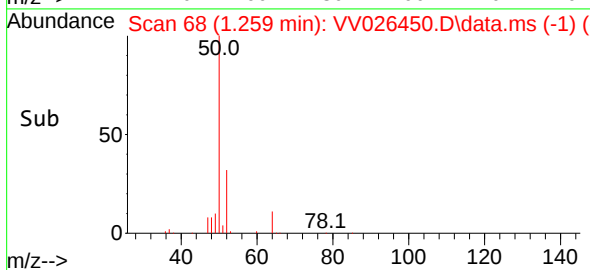
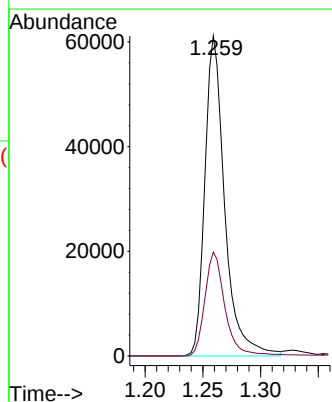
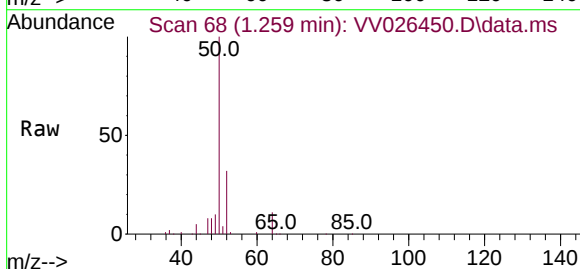
Instrument :
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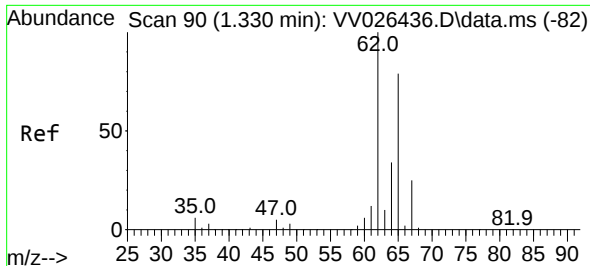
Tgt Ion: 85 Resp: 73912
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.0 39.0



#3
 Chloromethane
 Concen: 4.245 ug/L
 RT: 1.259 min Scan# 68
 Delta R.T. 0.000 min
 Lab File: VV026450.D
 Acq: 20 Jun 2022 16:56

Tgt Ion: 50 Resp: 72895
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.7 44.1

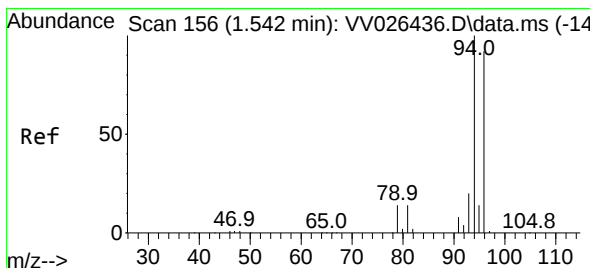
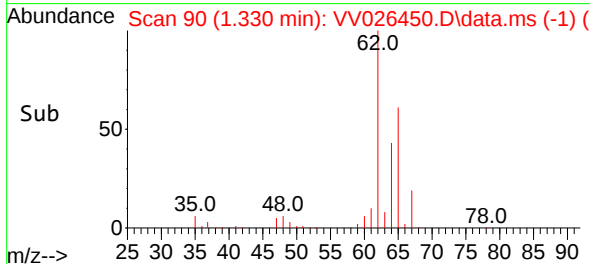
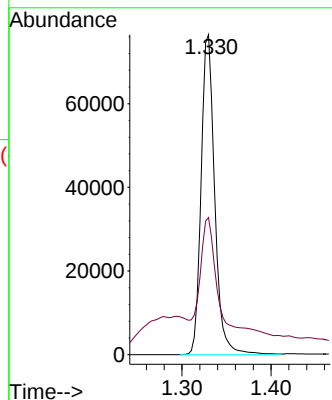
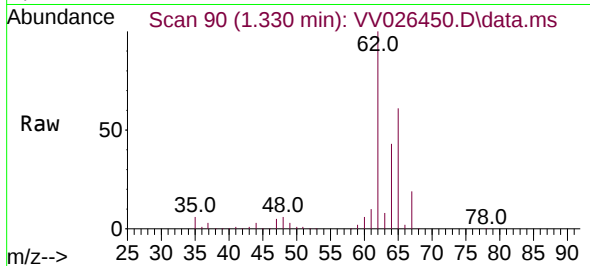




#5
 Vinyl chloride
 Concen: 4.548 ug/L
 RT: 1.330 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VV026450.D
 Acq: 20 Jun 2022 16:56

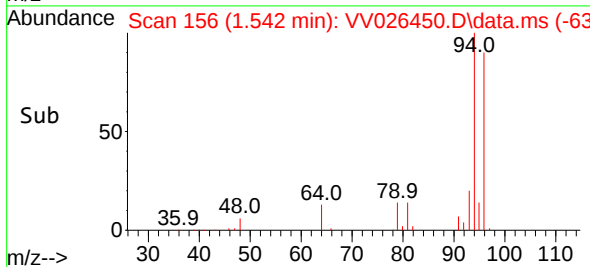
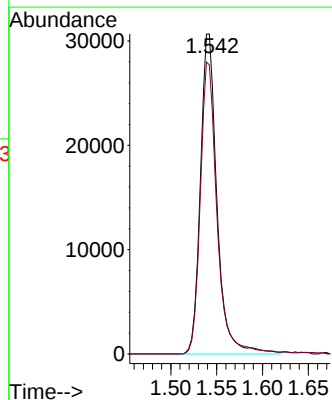
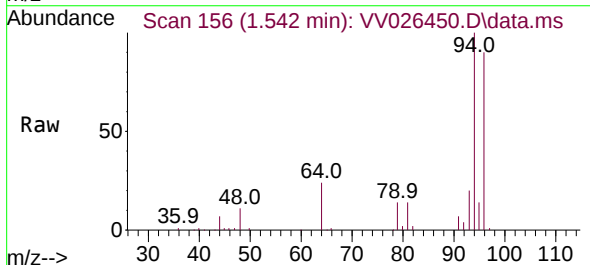
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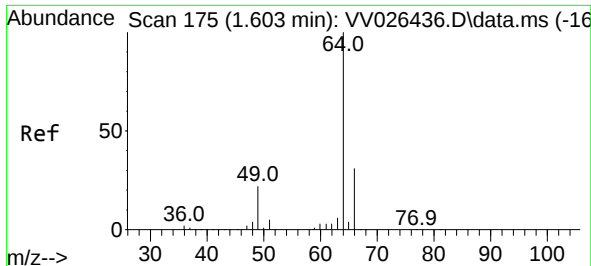
Tgt Ion: 62 Resp: 81203
 Ion Ratio Lower Upper
 62 100
 64 42.8 23.2 43.2



#6
 Bromomethane
 Concen: 3.869 ug/L
 RT: 1.542 min Scan# 156
 Delta R.T. 0.000 min
 Lab File: VV026450.D
 Acq: 20 Jun 2022 16:56

Tgt Ion: 94 Resp: 38604
 Ion Ratio Lower Upper
 94 100
 96 90.4 65.7 121.9

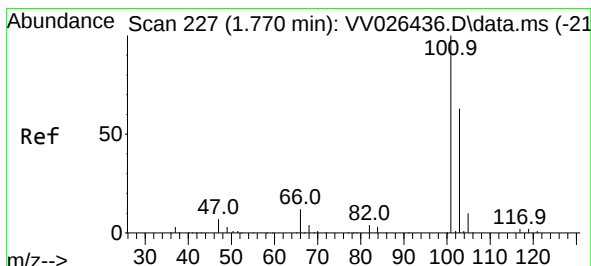
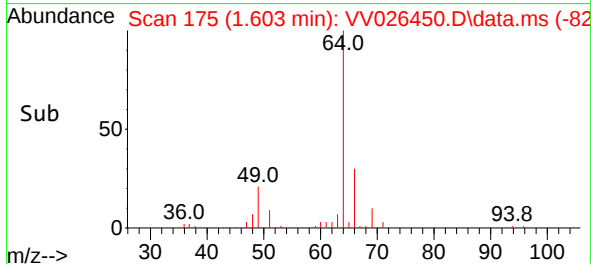
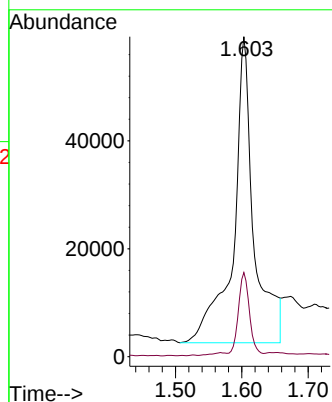
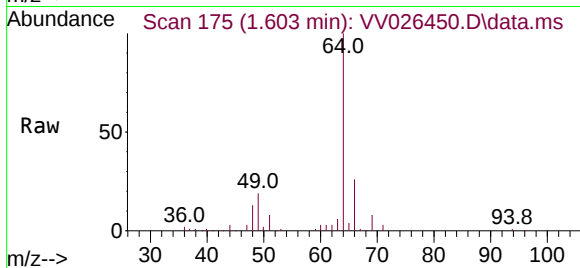




#8
Chloroethane
Concen: 10.874 ug/L
RT: 1.603 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026450.D
Acq: 20 Jun 2022 16:56

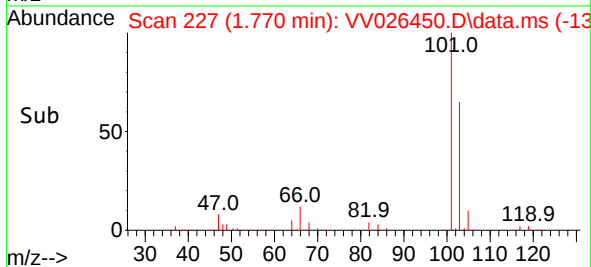
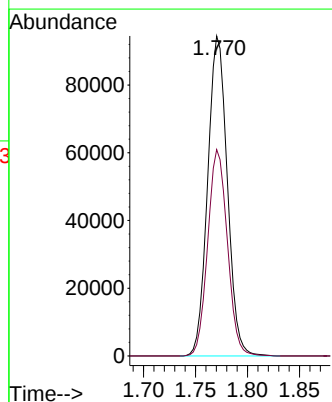
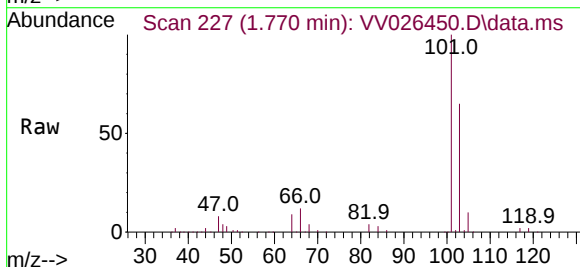
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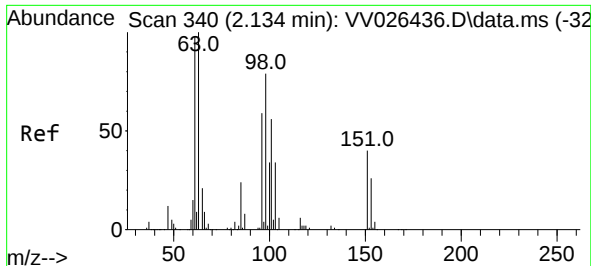
Tgt Ion: 64 Resp: 120518
Ion Ratio Lower Upper
64 100
66 26.3 24.1 44.7



#9
Trichlorofluoromethane
Concen: 5.020 ug/L
RT: 1.770 min Scan# 227
Delta R.T. 0.000 min
Lab File: VV026450.D
Acq: 20 Jun 2022 16:56

Tgt Ion:101 Resp: 123703
Ion Ratio Lower Upper
101 100
103 64.6 52.3 78.5

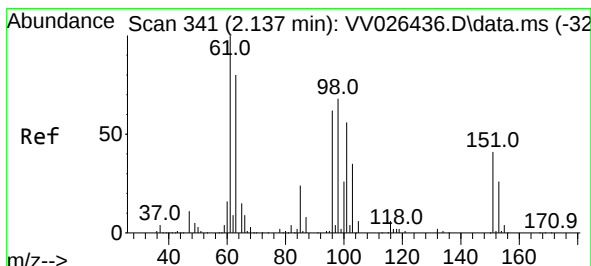
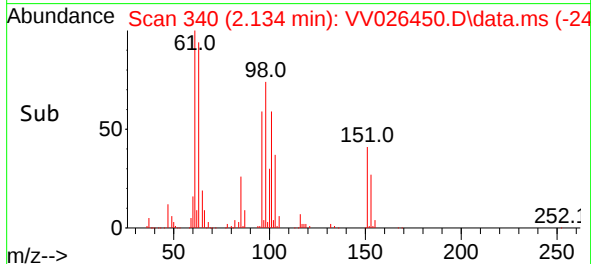
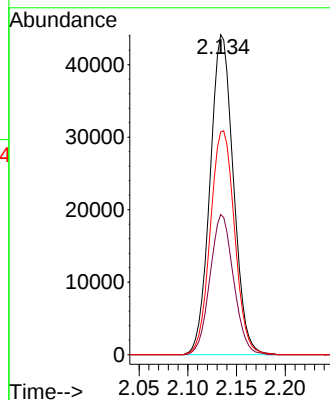
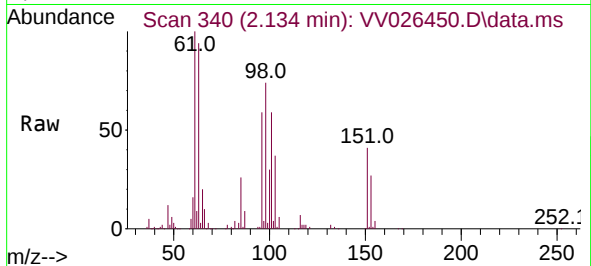




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.162 ug/L
 RT: 2.134 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VV026450.D
 Acq: 20 Jun 2022 16:56

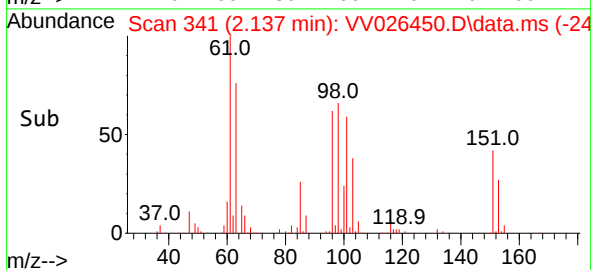
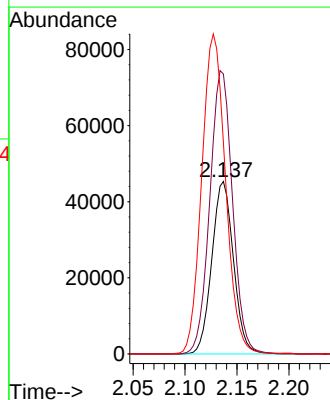
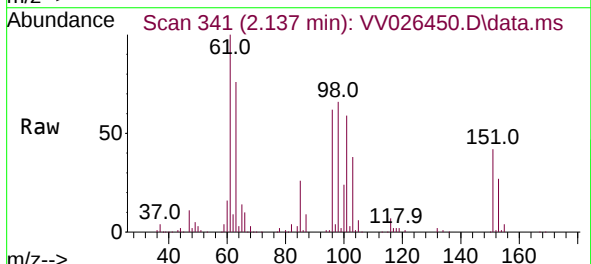
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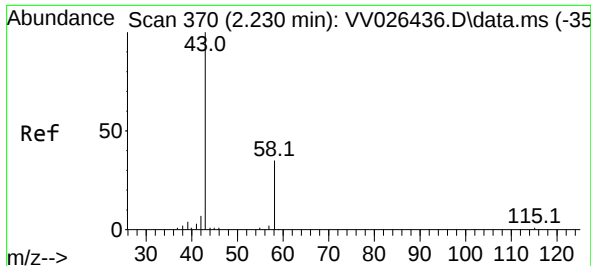
Tgt Ion:101 Resp: 73772
 Ion Ratio Lower Upper
 101 100
 85 44.1 35.3 52.9
 151 72.7 56.8 85.2



#12
 1,1-Dichloroethene
 Concen: 5.036 ug/L
 RT: 2.137 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VV026450.D
 Acq: 20 Jun 2022 16:56

Tgt Ion: 96 Resp: 65800
 Ion Ratio Lower Upper
 96 100
 61 162.3 117.1 217.5
 63 122.6 92.8 172.4

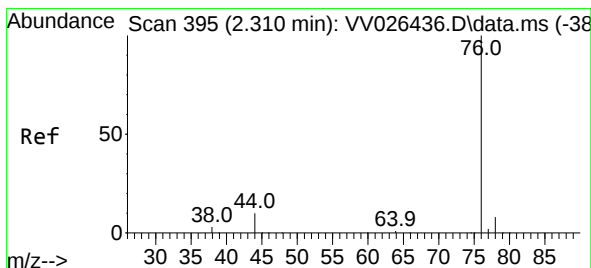
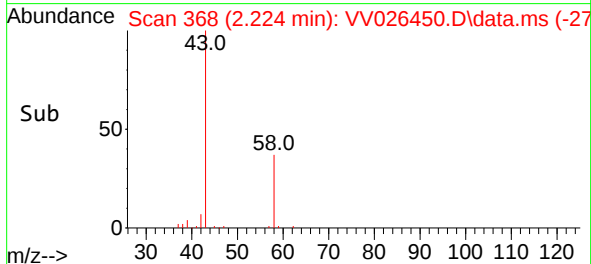
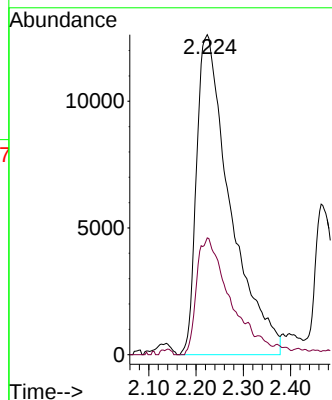
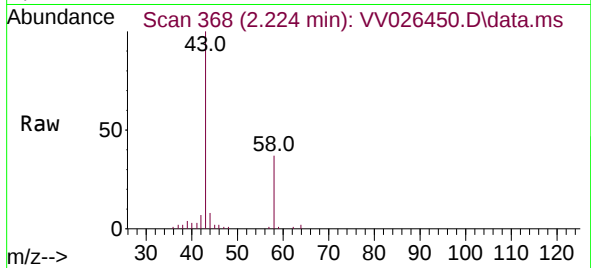




#13
Acetone
Concen: 45.953 ug/L
RT: 2.224 min Scan# 30
Delta R.T. -0.006 min
Lab File: VV026450.D
Acq: 20 Jun 2022 16:56

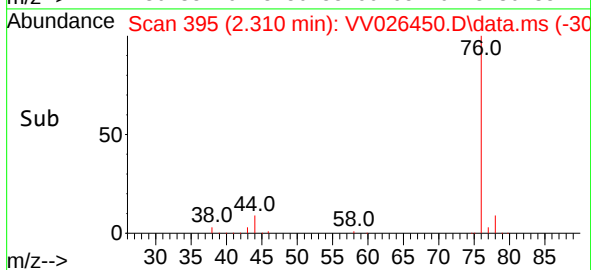
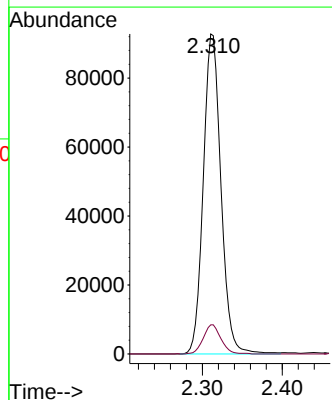
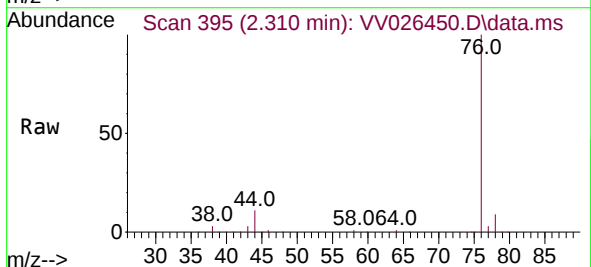
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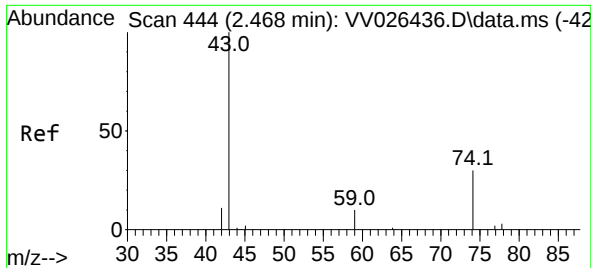
Tgt Ion: 43 Resp: 62425
Ion Ratio Lower Upper
43 100
58 32.4 0.0 60.0



#14
Carbon disulfide
Concen: 4.433 ug/L
RT: 2.310 min Scan# 395
Delta R.T. 0.000 min
Lab File: VV026450.D
Acq: 20 Jun 2022 16:56

Tgt Ion: 76 Resp: 142833
Ion Ratio Lower Upper
76 100
78 9.1 7.7 11.5

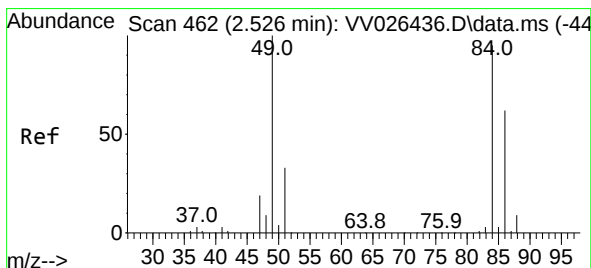
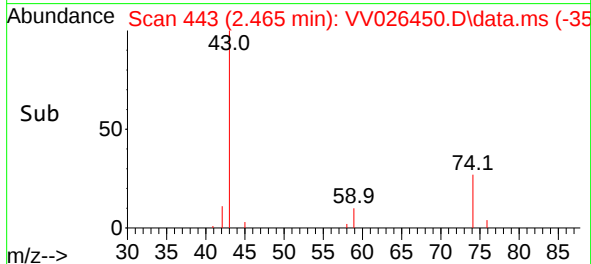
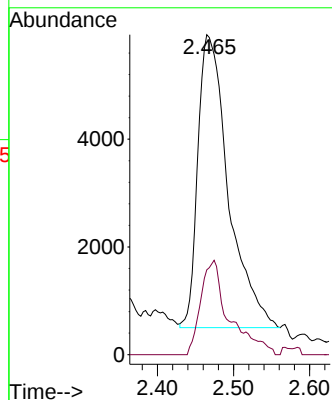
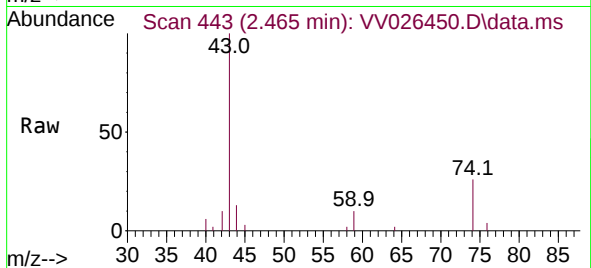




#15
Methyl Acetate
Concen: 4.654 ug/L
RT: 2.465 min Scan# 444
Delta R.T. -0.003 min
Lab File: VV026450.D
Acq: 20 Jun 2022 16:56

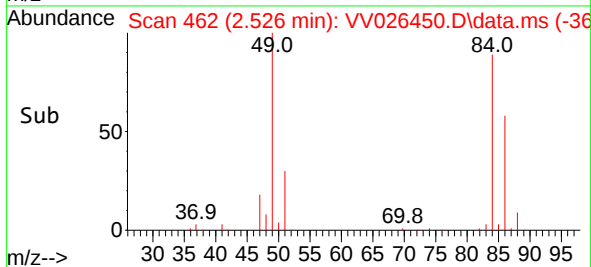
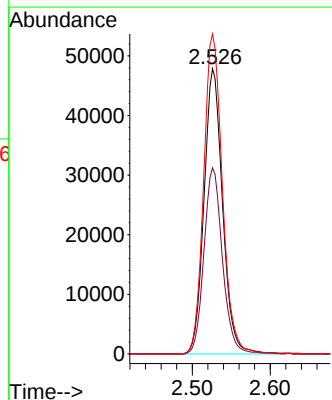
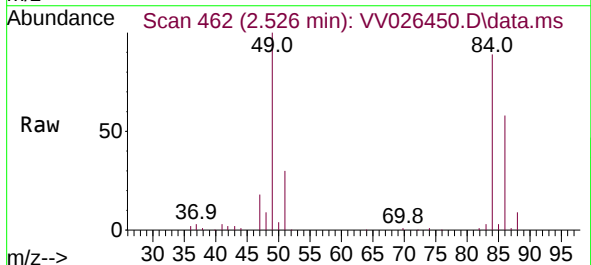
Instrument :
MSVOA_V
ClientSampleId :
VSTD005329

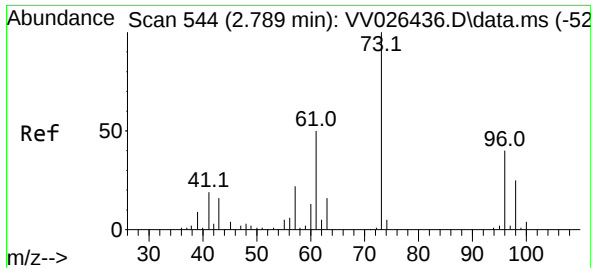
Tgt Ion: 43 Resp: 15170
Ion Ratio Lower Upper
43 100
74 30.0 21.4 32.0



#16
Methylene chloride
Concen: 4.752 ug/L
RT: 2.526 min Scan# 462
Delta R.T. 0.000 min
Lab File: VV026450.D
Acq: 20 Jun 2022 16:56

Tgt Ion: 84 Resp: 79221
Ion Ratio Lower Upper
84 100
86 65.2 44.0 81.8
49 112.1 77.3 143.7

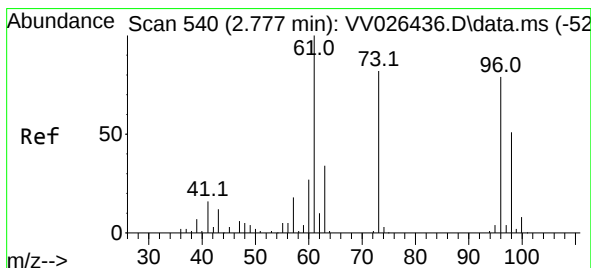
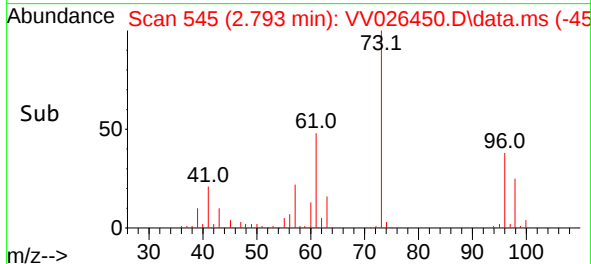
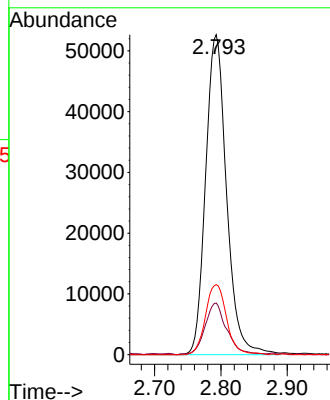
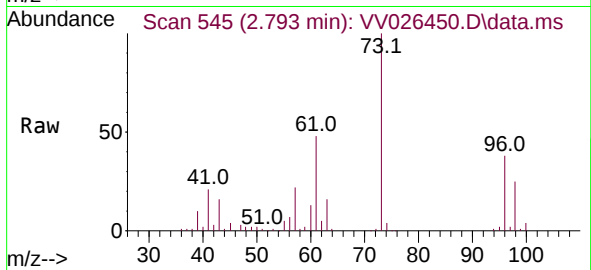




#17
Methyl tert-butyl Ether
Concen: 5.140 ug/L
RT: 2.793 min Scan# 541
Delta R.T. 0.003 min
Lab File: VV026450.D
Acq: 20 Jun 2022 16:56

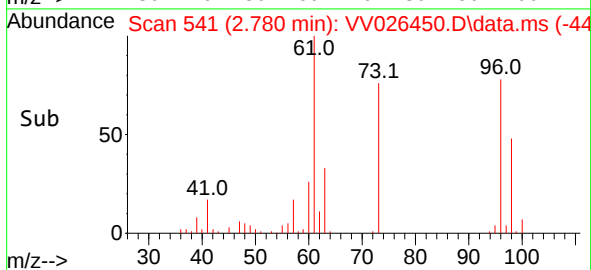
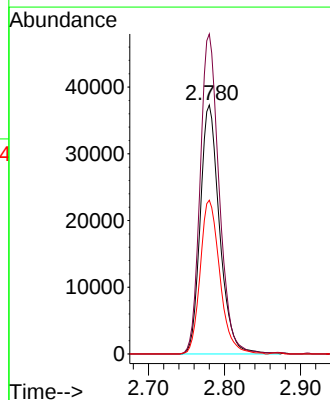
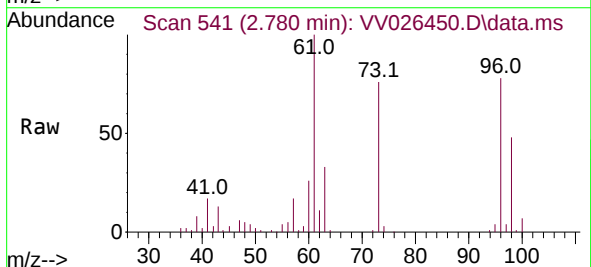
Instrument :
MSVOA_V
ClientSampleId :
VSTD005329

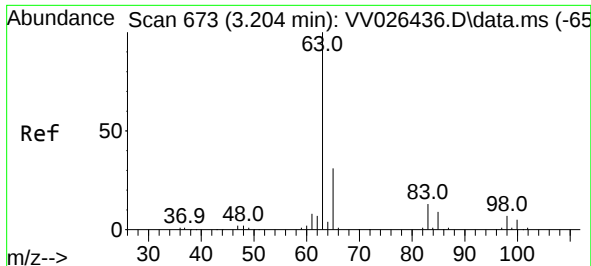
Tgt Ion: 73 Resp: 115482
Ion Ratio Lower Upper
73 100
43 16.8 13.0 19.6
57 22.1 17.6 26.4



#18
trans-1,2-Dichloroethene
Concen: 5.195 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.003 min
Lab File: VV026450.D
Acq: 20 Jun 2022 16:56

Tgt Ion: 96 Resp: 65832
Ion Ratio Lower Upper
96 100
61 128.5 91.3 169.6
98 61.8 45.3 84.1





#19

1,1-Dichloroethane

Concen: 5.424 ug/L

RT: 3.208 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV026450.D

Acq: 20 Jun 2022 16:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD005329

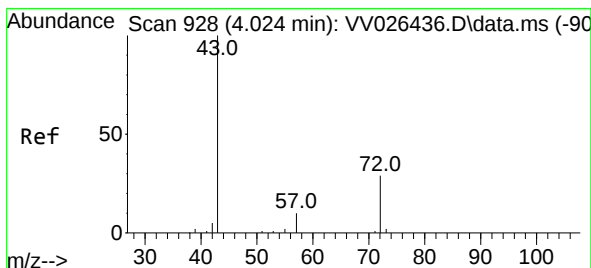
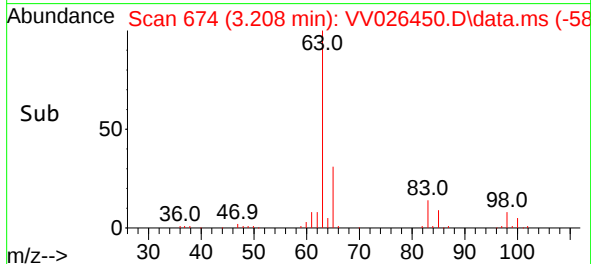
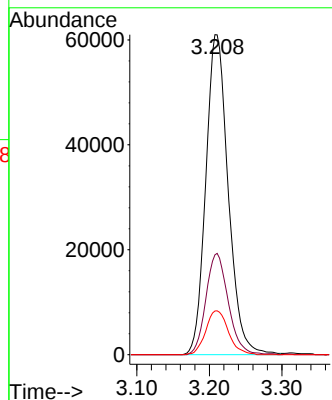
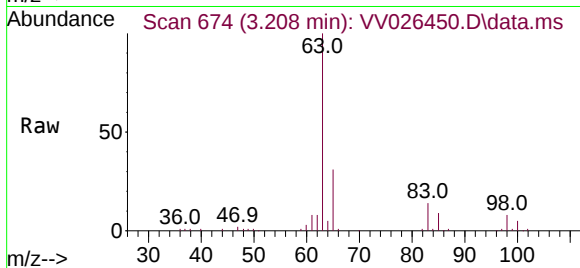
Tgt Ion: 63 Resp: 131093

Ion Ratio Lower Upper

63 100

65 31.2 22.3 41.3

83 13.7 8.9 16.5



#21

2-Butanone

Concen: 52.529 ug/L

RT: 4.015 min Scan# 925

Delta R.T. -0.010 min

Lab File: VV026450.D

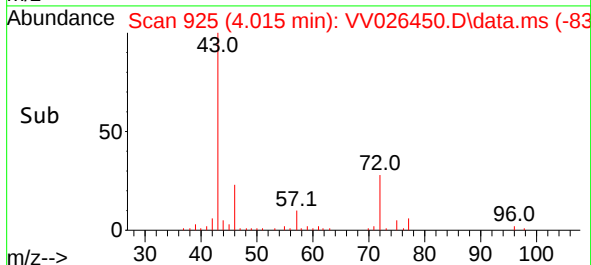
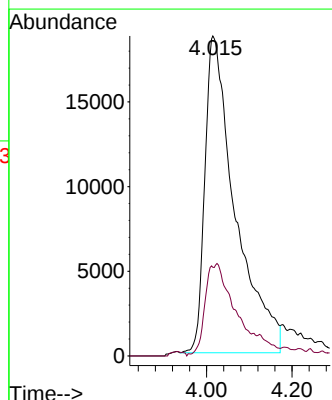
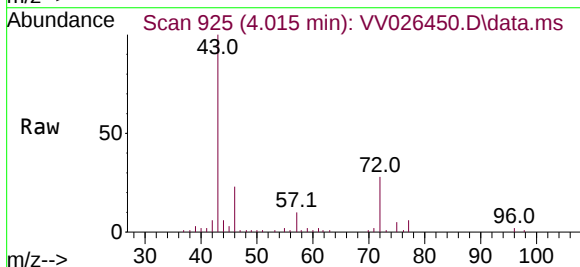
Acq: 20 Jun 2022 16:56

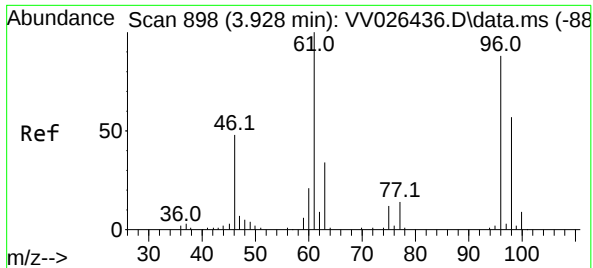
Tgt Ion: 43 Resp: 92332

Ion Ratio Lower Upper

43 100

72 9.3 12.7 38.0#





#22

cis-1,2-Dichloroethene

Concen: 5.574 ug/L

RT: 3.934 min Scan# 90

Delta R.T. 0.007 min

Lab File: VV026450.D

Acq: 20 Jun 2022 16:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD005329

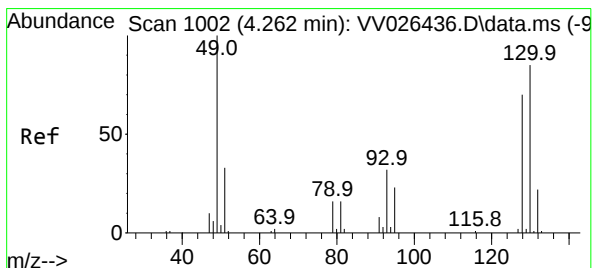
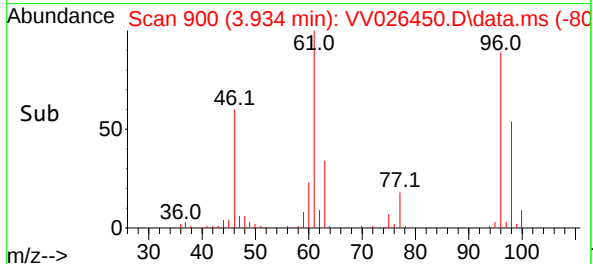
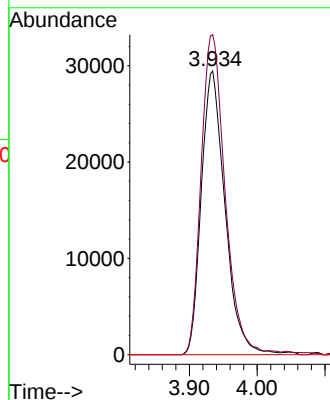
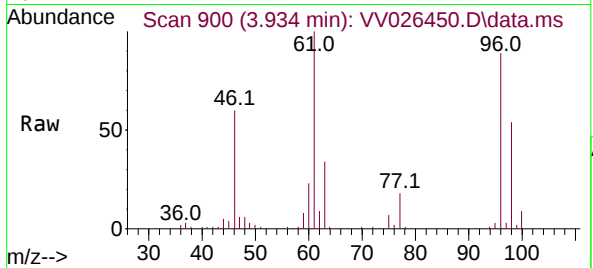
Tgt Ion: 96 Resp: 71467

Ion Ratio Lower Upper

96 100

61 112.8 83.6 155.2

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.418 ug/L

RT: 4.269 min Scan# 1004

Delta R.T. 0.007 min

Lab File: VV026450.D

Acq: 20 Jun 2022 16:56

Tgt Ion:128 Resp: 29479

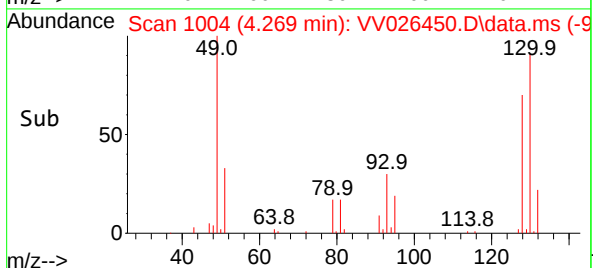
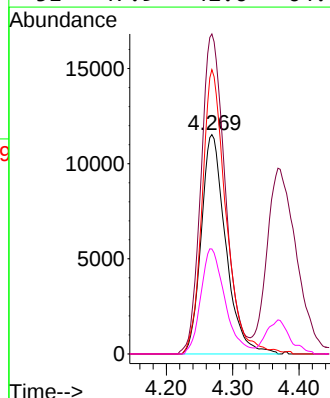
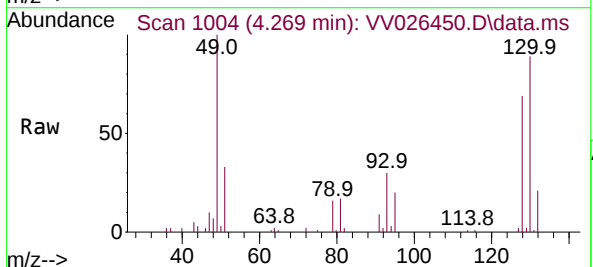
Ion Ratio Lower Upper

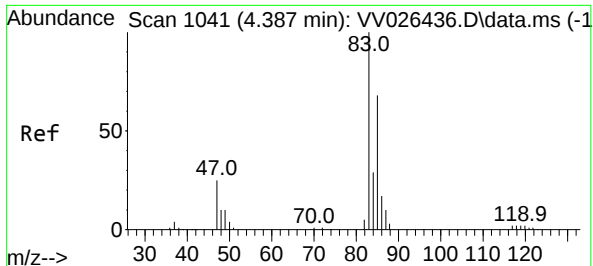
128 100

49 145.9 111.6 207.2

130 129.6 91.1 169.1

51 47.9 42.6 64.0





#25

Chloroform

Concen: 5.268 ug/L

RT: 4.394 min Scan# 1043

Delta R.T. 0.007 min

Lab File: VV026450.D

Acq: 20 Jun 2022 16:56

Instrument :

MSVOA_V

ClientSampleId :

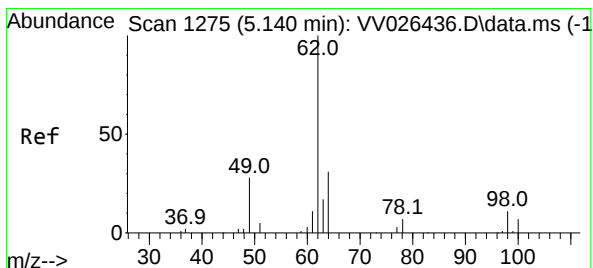
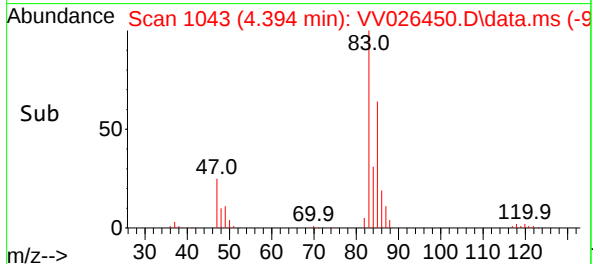
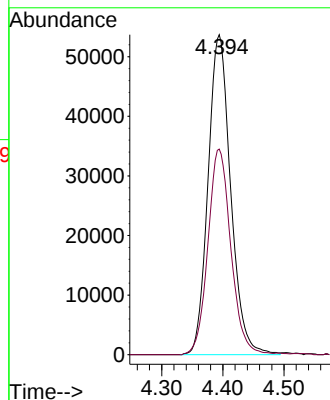
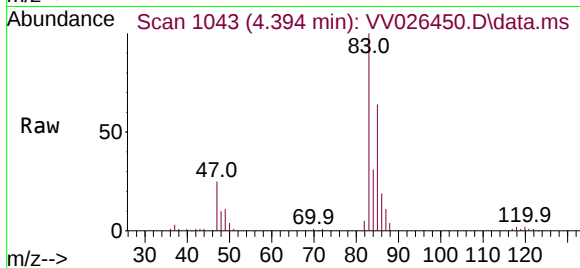
VSTD005329

Tgt Ion: 83 Resp: 138106

Ion Ratio Lower Upper

83 100

85 64.2 46.5 86.3



#27

1,2-Dichloroethane

Concen: 5.243 ug/L

RT: 5.146 min Scan# 1277

Delta R.T. 0.007 min

Lab File: VV026450.D

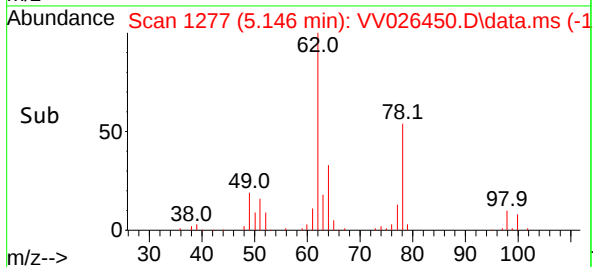
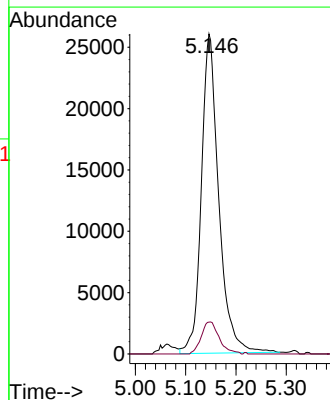
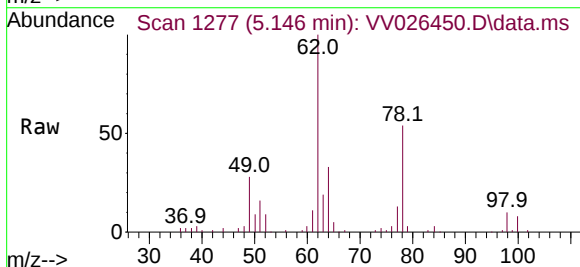
Acq: 20 Jun 2022 16:56

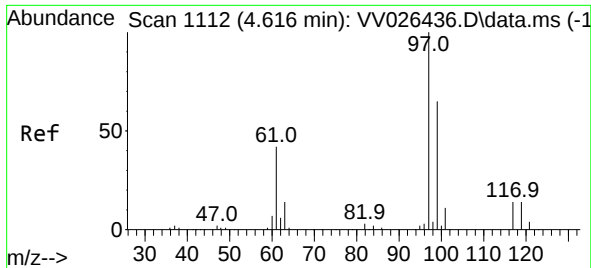
Tgt Ion: 62 Resp: 62566

Ion Ratio Lower Upper

62 100

98 9.9 8.6 13.0





#29

1,1,1-Trichloroethane

Concen: 5.710 ug/L

RT: 4.625 min Scan# 1115

Delta R.T. 0.010 min

Lab File: VV026450.D

Acq: 20 Jun 2022 16:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD005329

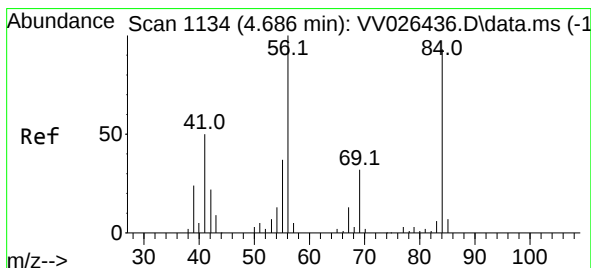
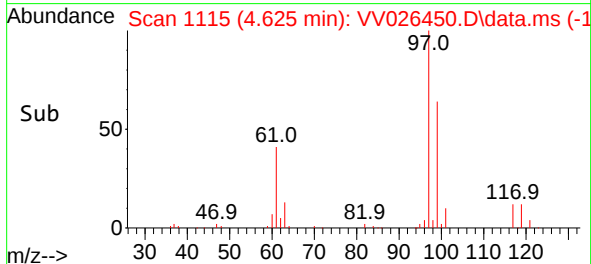
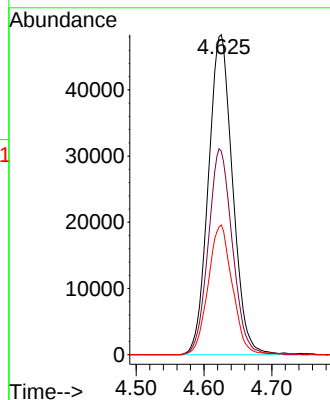
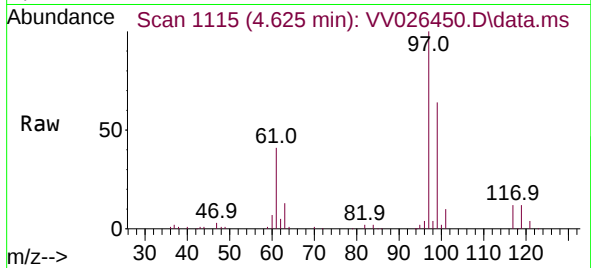
Tgt Ion: 97 Resp: 120016

Ion Ratio Lower Upper

97 100

99 64.1 50.3 75.5

61 40.3 33.4 50.0



#30

Cyclohexane

Concen: 5.204 ug/L

RT: 4.693 min Scan# 1136

Delta R.T. 0.007 min

Lab File: VV026450.D

Acq: 20 Jun 2022 16:56

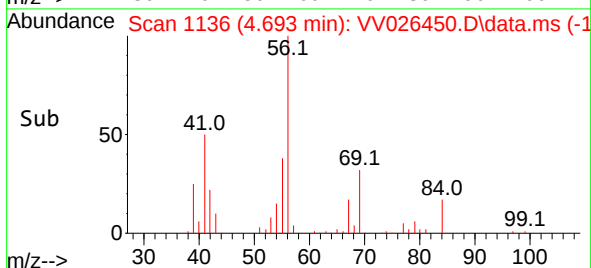
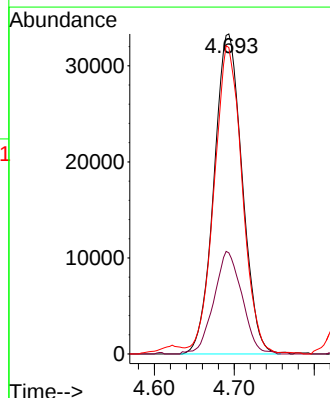
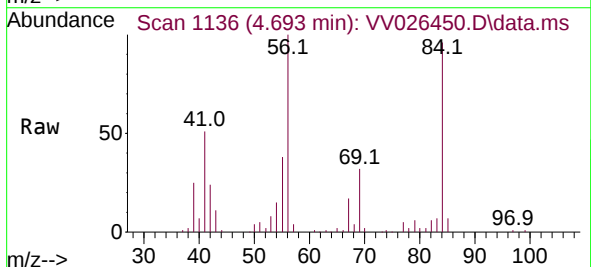
Tgt Ion: 56 Resp: 81816

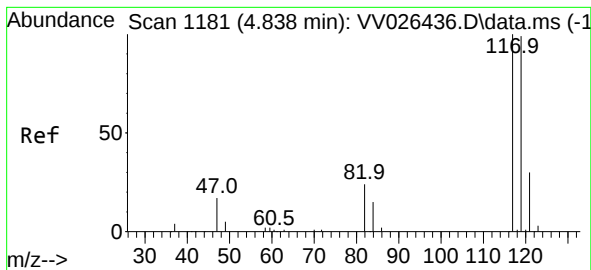
Ion Ratio Lower Upper

56 100

69 31.9 24.9 37.3

84 94.8 76.4 114.6





#31

Carbon tetrachloride

Concen: 5.412 ug/L

RT: 4.841 min Scan# 1181

Delta R.T. 0.003 min

Lab File: VV026450.D

Acq: 20 Jun 2022 16:56

Instrument :

MSVOA_V

ClientSampleId :

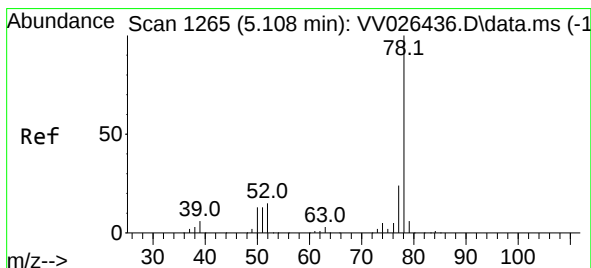
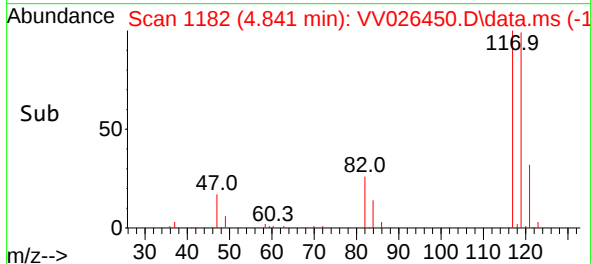
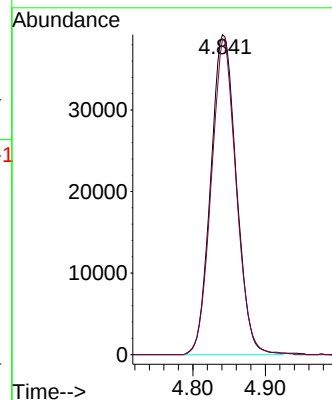
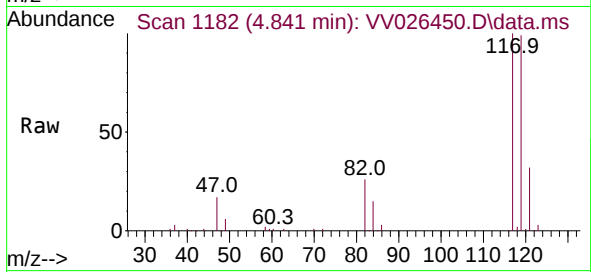
VSTD005329

Tgt Ion:117 Resp: 96343

Ion Ratio Lower Upper

117 100

119 96.1 76.2 114.4



#33

Benzene

Concen: 5.756 ug/L

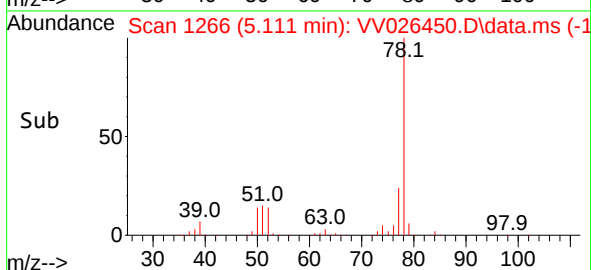
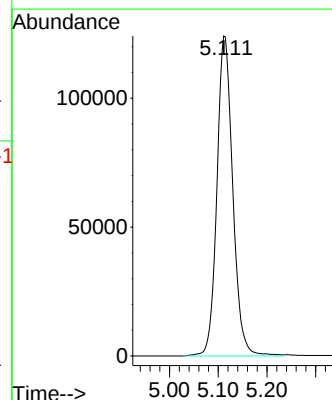
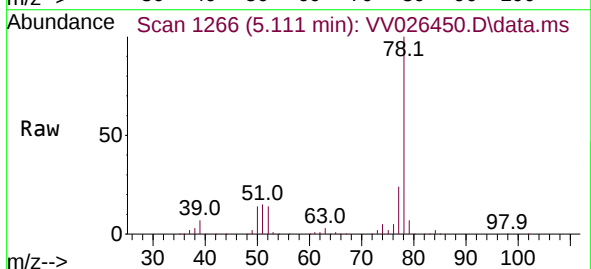
RT: 5.111 min Scan# 1266

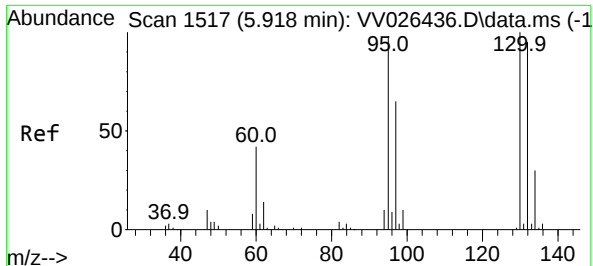
Delta R.T. 0.003 min

Lab File: VV026450.D

Acq: 20 Jun 2022 16:56

Tgt Ion: 78 Resp: 280729

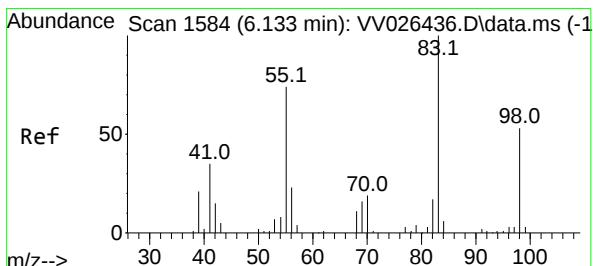
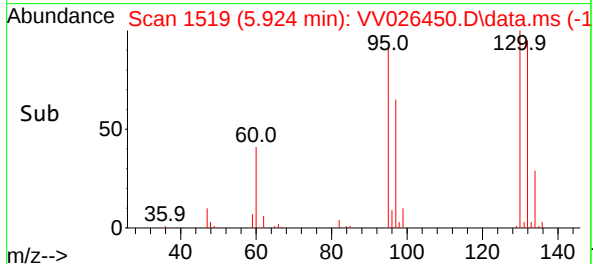
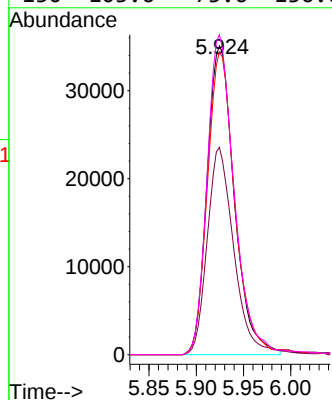
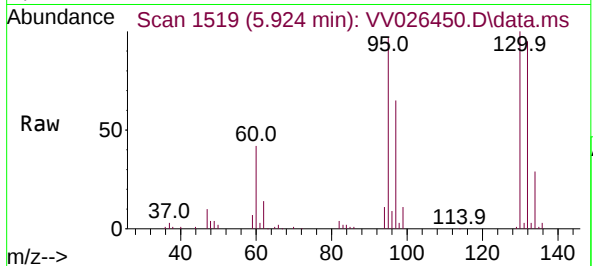




#34
Trichloroethene
Concen: 5.274 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.007 min
Lab File: VV026450.D
Acq: 20 Jun 2022 16:56

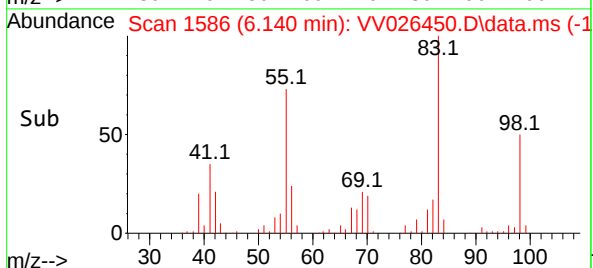
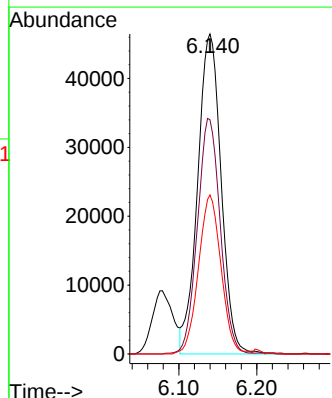
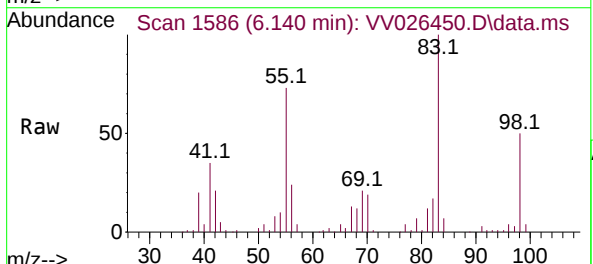
Instrument :
MSVOA_V
ClientSampleId :
VSTD005329

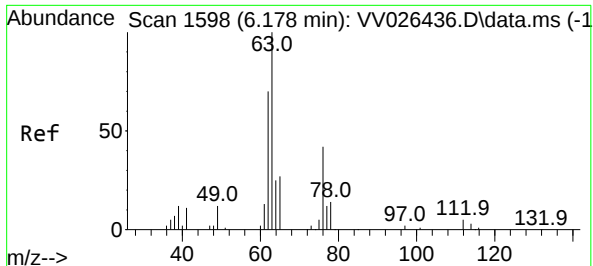
Tgt Ion: 95 Resp: 70220
Ion Ratio Lower Upper
95 100
97 67.1 46.5 86.3
132 98.1 68.8 127.8
130 103.6 73.6 136.6



#35
Methylcyclohexane
Concen: 5.296 ug/L
RT: 6.140 min Scan# 1586
Delta R.T. 0.007 min
Lab File: VV026450.D
Acq: 20 Jun 2022 16:56

Tgt Ion: 83 Resp: 97544
Ion Ratio Lower Upper
83 100
55 71.4 59.3 88.9
98 47.5 39.9 59.9





#37

1,2-Dichloropropane

Concen: 5.645 ug/L

RT: 6.182 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026450.D

Acq: 20 Jun 2022 16:56

Instrument :

MSVOA_V

ClientSampleId :

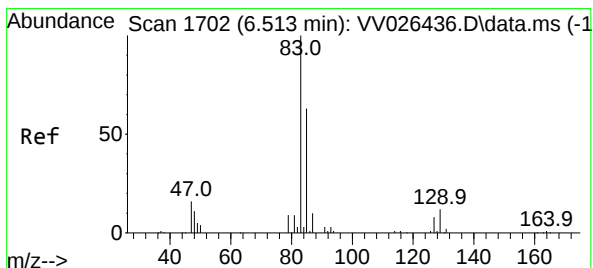
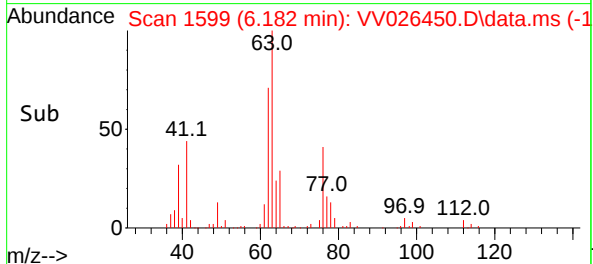
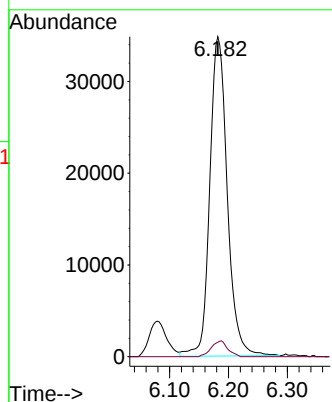
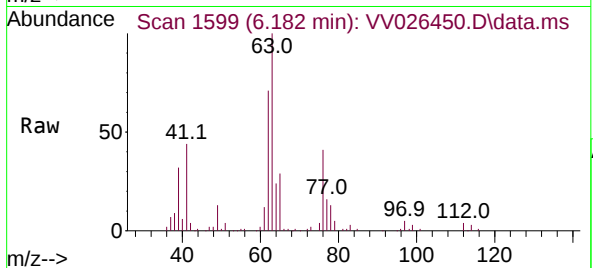
VSTD005329

Tgt Ion: 63 Resp: 72004

Ion Ratio Lower Upper

63 100

112 4.6 3.3 4.9



#38

Bromodichloromethane

Concen: 5.246 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VV026450.D

Acq: 20 Jun 2022 16:56

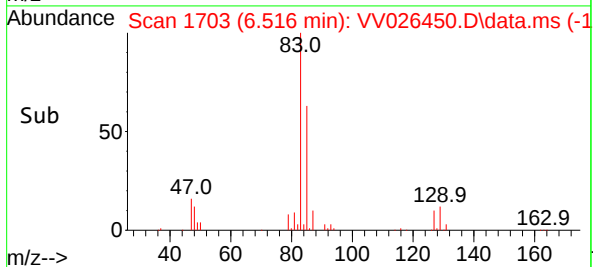
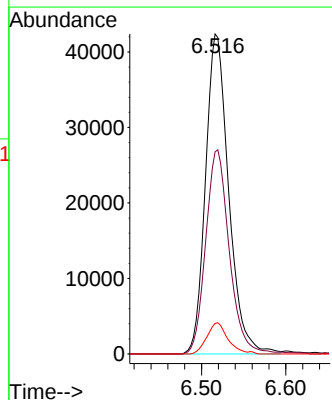
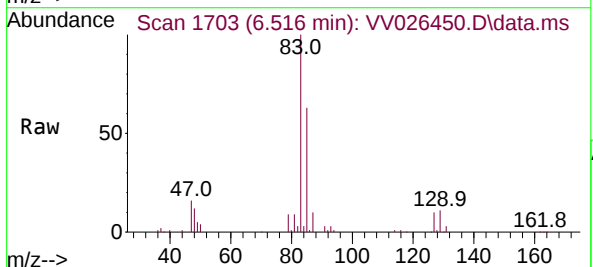
Tgt Ion: 83 Resp: 81158

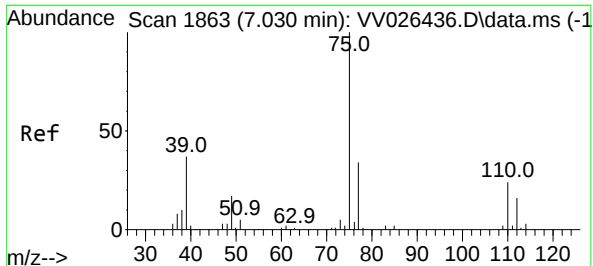
Ion Ratio Lower Upper

83 100

85 63.1 45.6 84.6

127 9.5 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.866 ug/L

RT: 7.034 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026450.D

Acq: 20 Jun 2022 16:56

Instrument :

MSVOA_V

ClientSampleId :

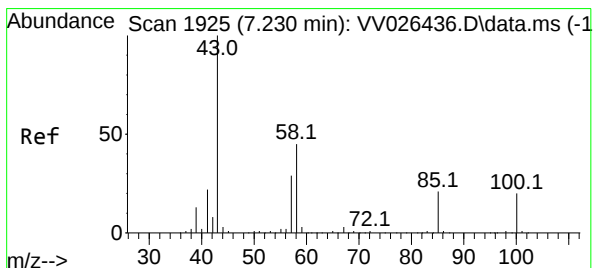
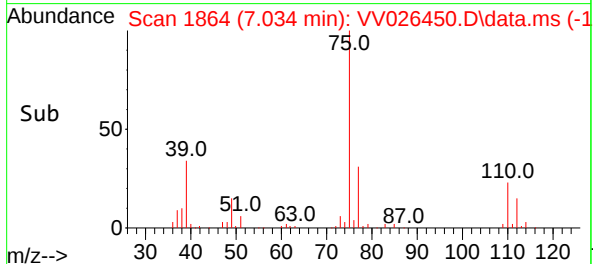
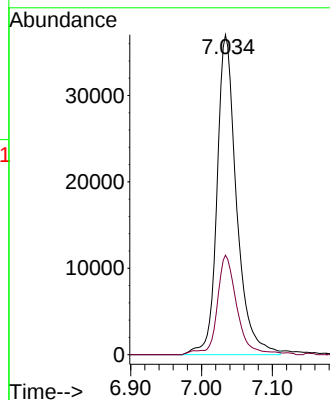
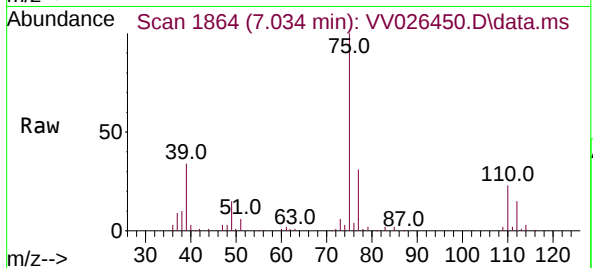
VSTD005329

Tgt Ion: 75 Resp: 70837

Ion Ratio Lower Upper

75 100

77 31.1 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 52.383 ug/L

RT: 7.233 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV026450.D

Acq: 20 Jun 2022 16:56

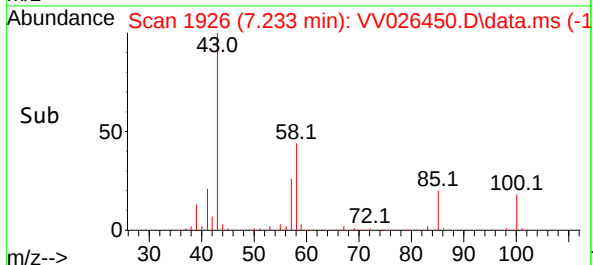
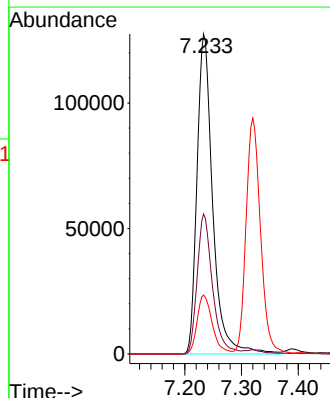
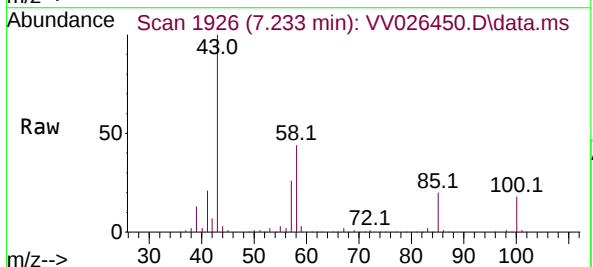
Tgt Ion: 43 Resp: 245687

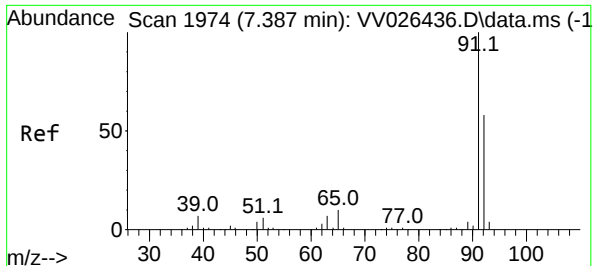
Ion Ratio Lower Upper

43 100

58 42.5 33.3 49.9

100 17.9 13.4 20.2





#42

Toluene

Concen: 5.982 ug/L

RT: 7.391 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV026450.D

Acq: 20 Jun 2022 16:56

Instrument :

MSVOA_V

ClientSampleId :

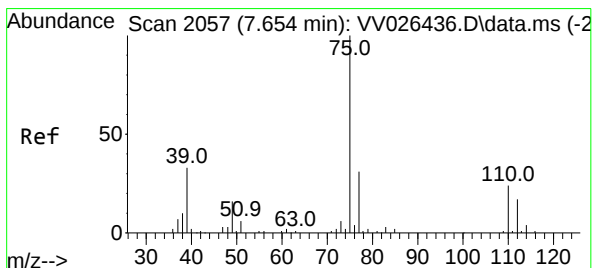
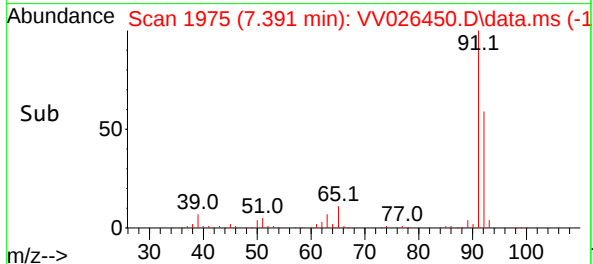
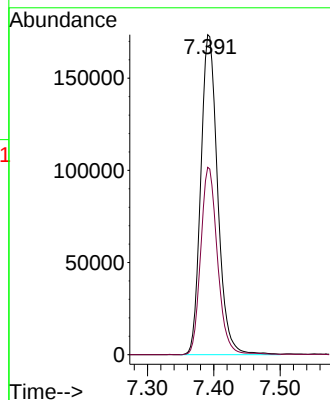
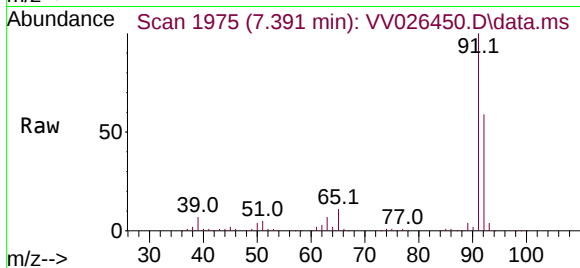
VSTD005329

Tgt Ion: 91 Resp: 306849

Ion Ratio Lower Upper

91 100

92 58.6 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 4.695 ug/L

RT: 7.658 min Scan# 2058

Delta R.T. 0.003 min

Lab File: VV026450.D

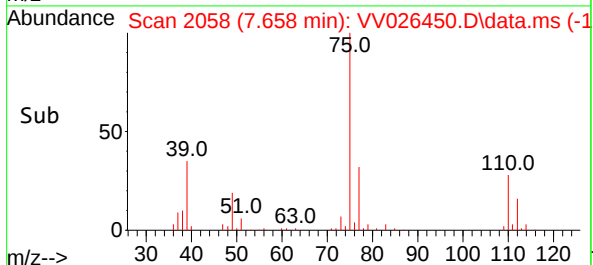
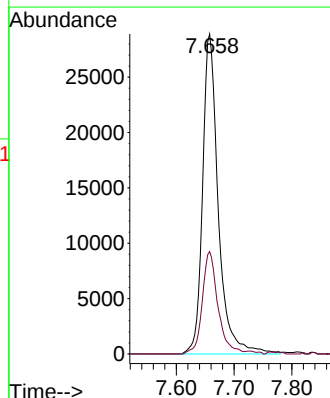
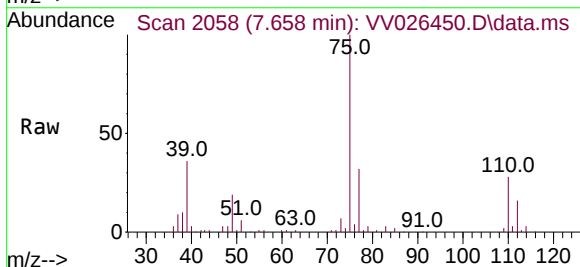
Acq: 20 Jun 2022 16:56

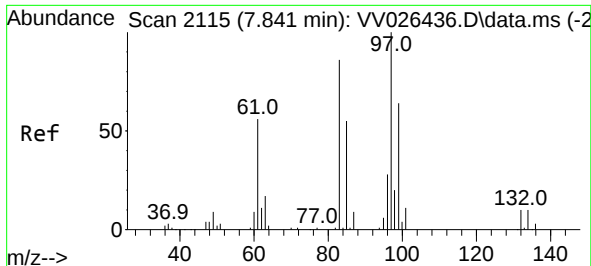
Tgt Ion: 75 Resp: 54588

Ion Ratio Lower Upper

75 100

77 32.0 23.7 43.9



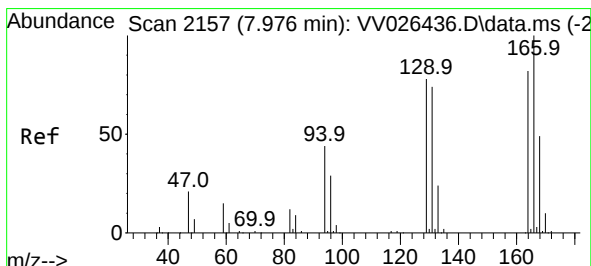
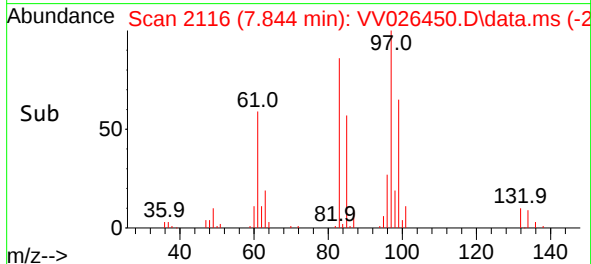
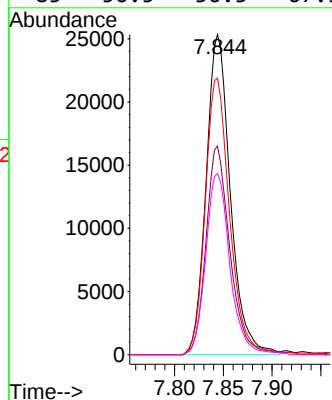
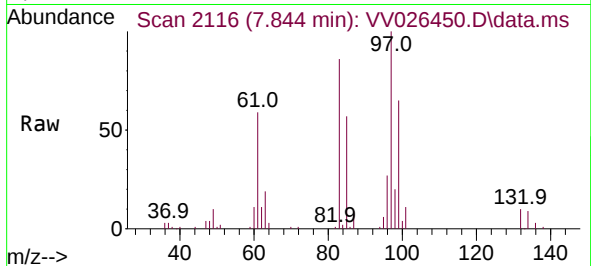


#45
1,1,2-Trichloroethane
Concen: 5.242 ug/L
RT: 7.844 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV026450.D
Acq: 20 Jun 2022 16:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD005329

Tgt Ion: 97 Resp: 43889

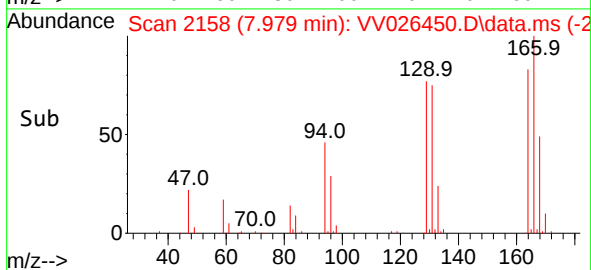
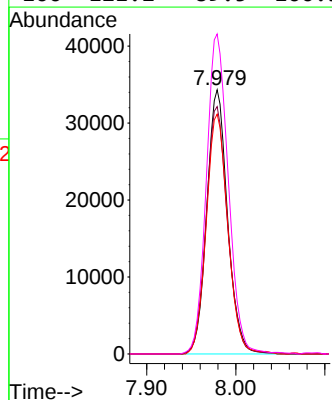
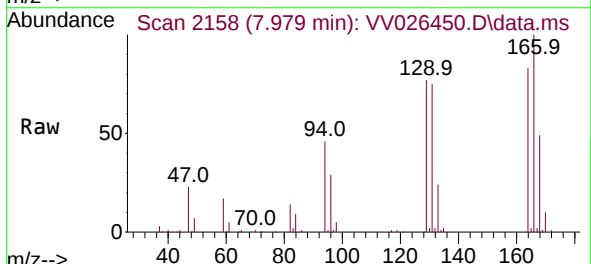
Ion	Ratio	Lower	Upper
97	100		
99	65.2	42.4	78.6
83	86.4	56.1	104.1
85	56.5	36.3	67.5

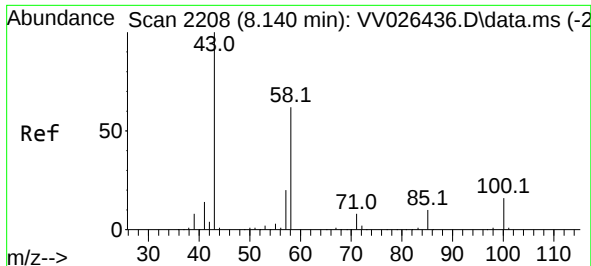


#47
Tetrachloroethene
Concen: 5.631 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV026450.D
Acq: 20 Jun 2022 16:56

Tgt Ion: 164 Resp: 55539

Ion	Ratio	Lower	Upper
164	100		
129	93.7	67.5	125.3
131	90.8	63.8	118.4
166	121.2	89.5	166.3



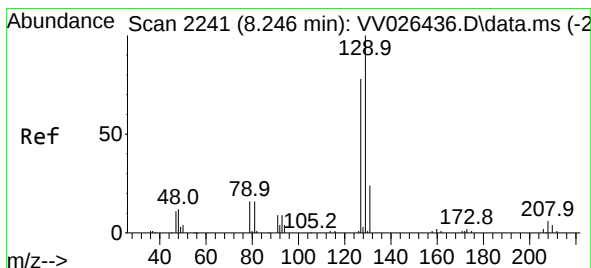
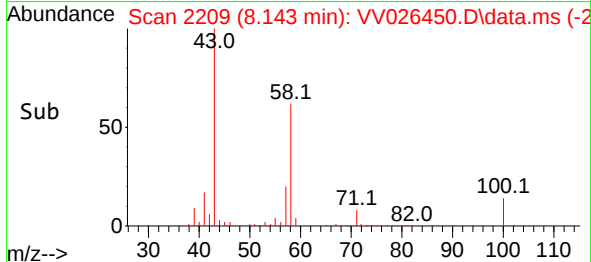
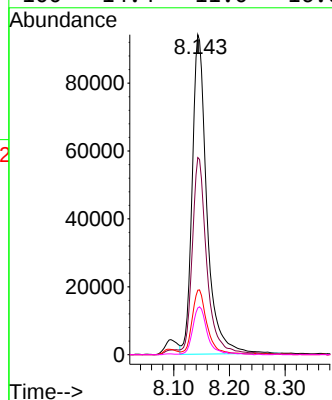
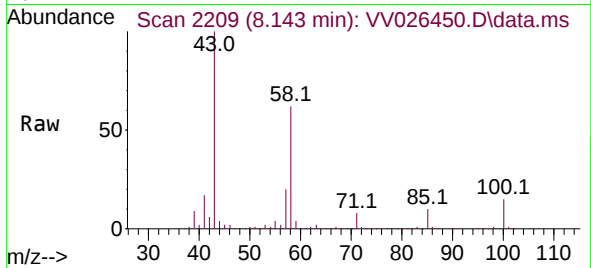


#48
2-Hexanone
Concen: 51.357 ug/L
RT: 8.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026450.D
Acq: 20 Jun 2022 16:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD005329

Tgt Ion: 43 Resp: 172575

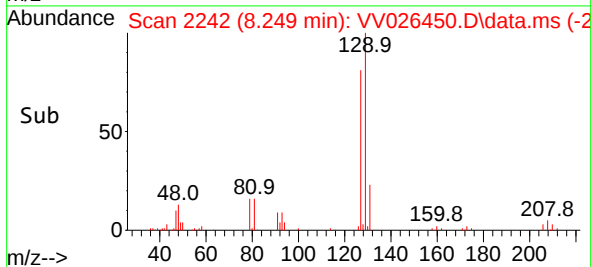
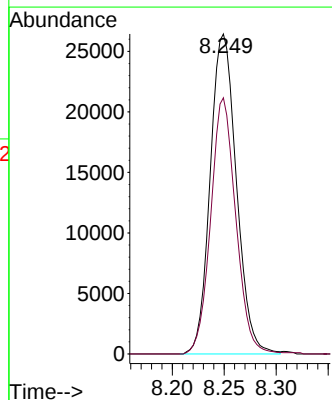
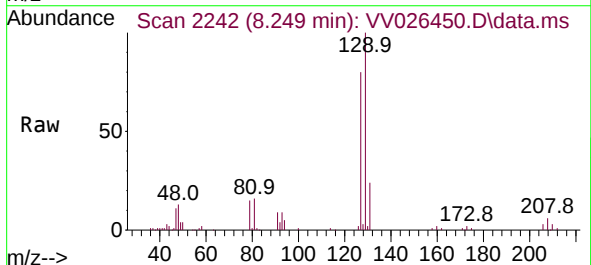
Ion	Ratio	Lower	Upper
43	100		
58	59.9	48.7	73.1
57	20.4	16.0	24.0
100	14.4	11.0	16.6

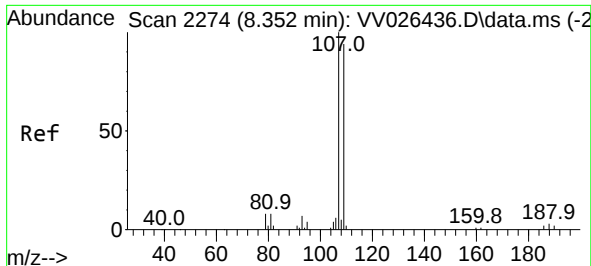


#49
Dibromochloromethane
Concen: 5.000 ug/L
RT: 8.249 min Scan# 2242
Delta R.T. 0.003 min
Lab File: VV026450.D
Acq: 20 Jun 2022 16:56

Tgt Ion: 129 Resp: 46364

Ion	Ratio	Lower	Upper
129	100		
127	80.1	56.4	104.7





#50

1,2-Dibromoethane

Concen: 5.387 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV026450.D

Acq: 20 Jun 2022 16:56

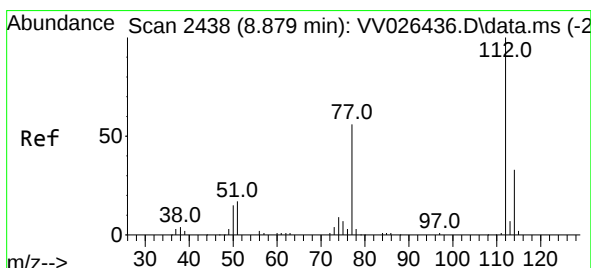
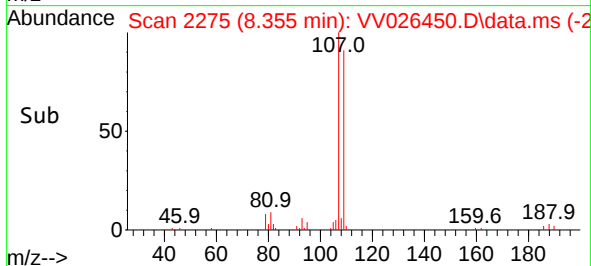
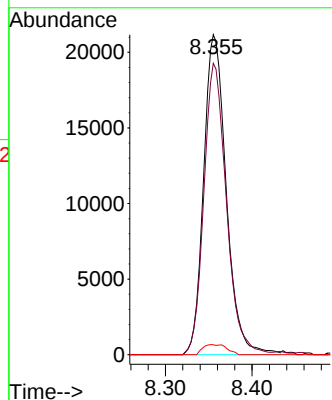
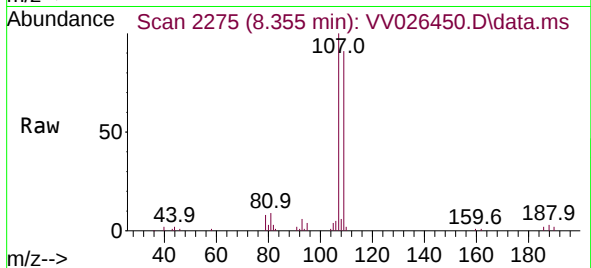
Instrument :

MSVOA_V

ClientSampleId :

VSTD005329

Tgt Ion:	107	Resp:	38436
Ion	Ratio	Lower	Upper
107	100		
109	91.0	65.2	121.2
188	3.1	2.9	4.3



#51

Chlorobenzene

Concen: 5.646 ug/L

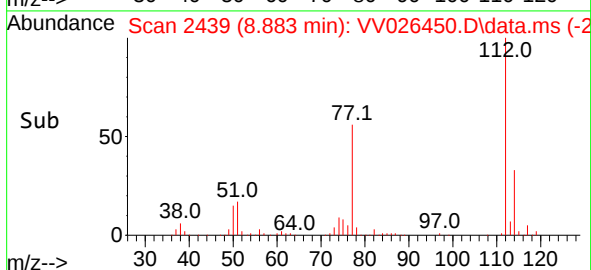
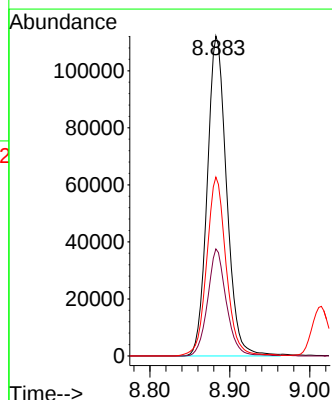
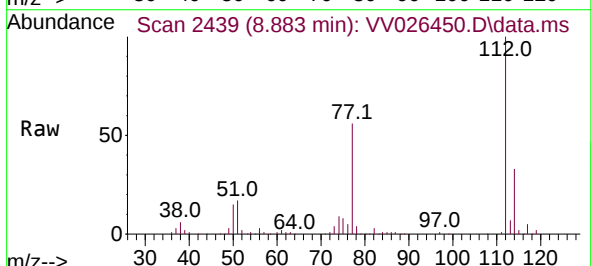
RT: 8.883 min Scan# 2439

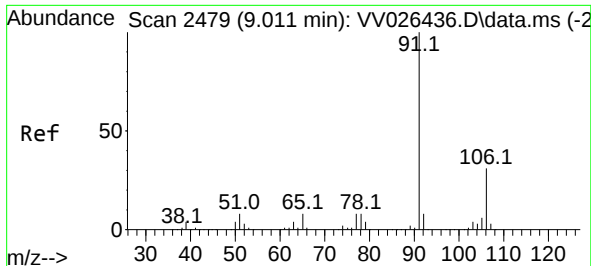
Delta R.T. 0.003 min

Lab File: VV026450.D

Acq: 20 Jun 2022 16:56

Tgt Ion:	112	Resp:	189084
Ion	Ratio	Lower	Upper
112	100		
114	33.5	22.7	42.3
77	55.9	44.5	66.7





#52

Ethylbenzene

Concen: 5.911 ug/L

RT: 9.014 min Scan# 2479

Delta R.T. 0.003 min

Lab File: VV026450.D

Acq: 20 Jun 2022 16:56

Instrument :

MSVOA_V

ClientSampleId :

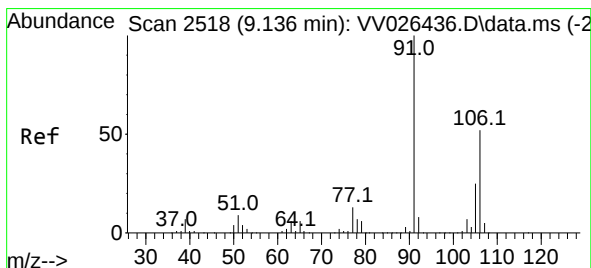
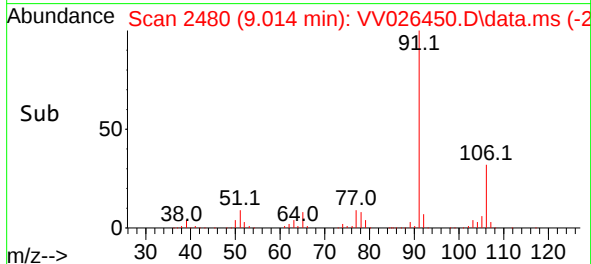
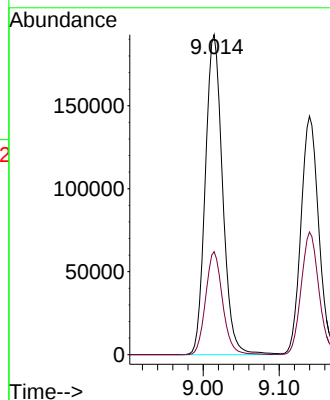
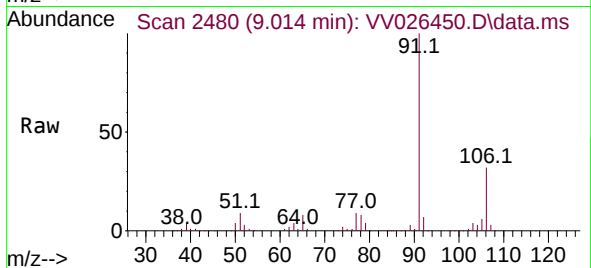
VSTD005329

Tgt Ion: 91 Resp: 303941

Ion Ratio Lower Upper

91 100

106 32.2 21.6 40.0



#53

m,p-Xylene

Concen: 6.007 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.003 min

Lab File: VV026450.D

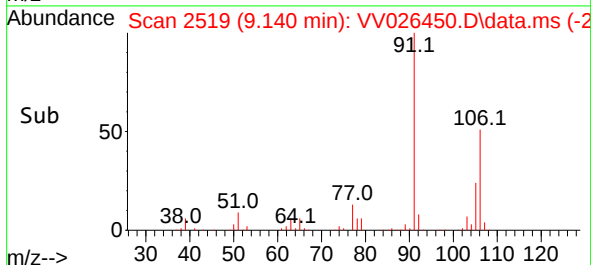
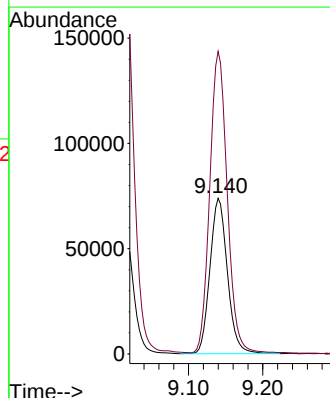
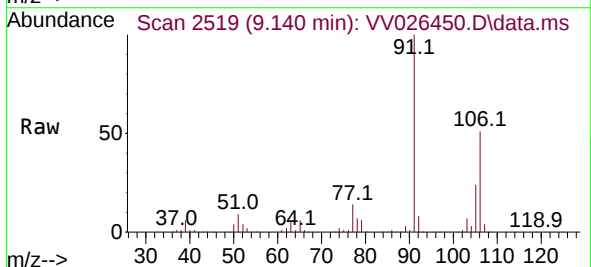
Acq: 20 Jun 2022 16:56

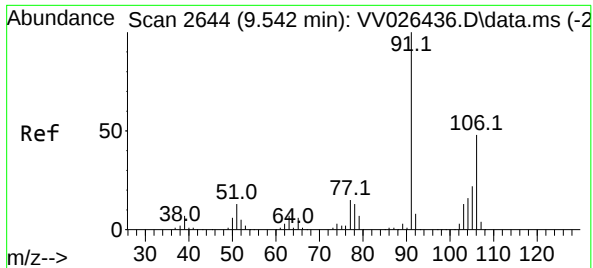
Tgt Ion: 106 Resp: 120397

Ion Ratio Lower Upper

106 100

91 194.4 141.3 262.3

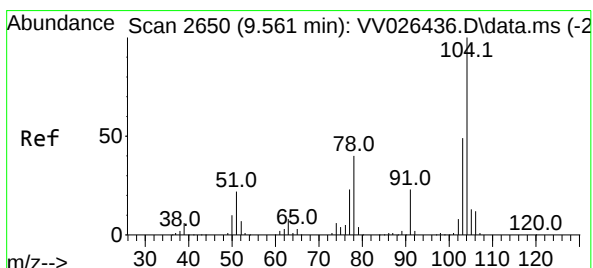
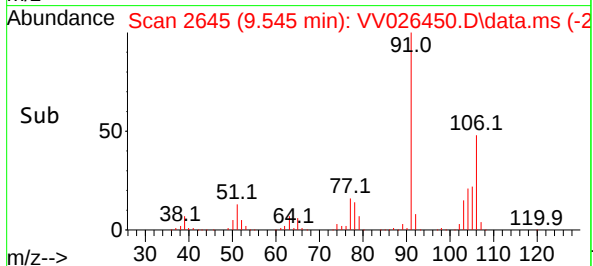
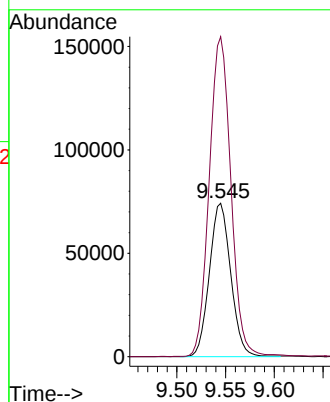
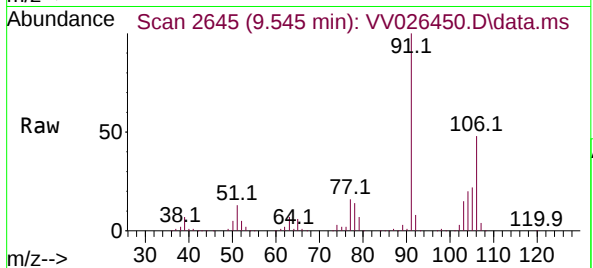




#54
o-Xylene
Concen: 5.830 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV026450.D
Acq: 20 Jun 2022 16:56

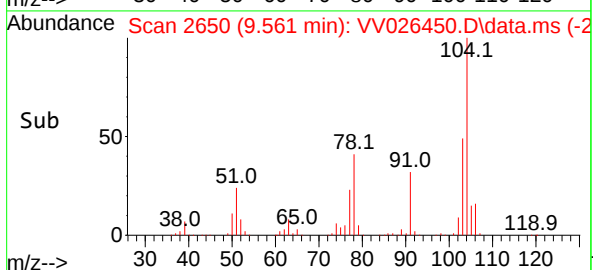
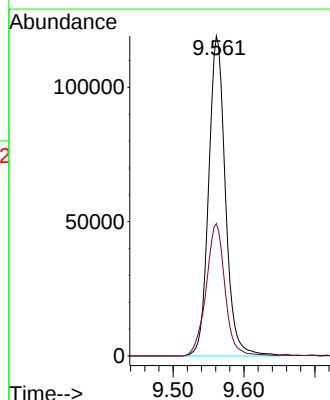
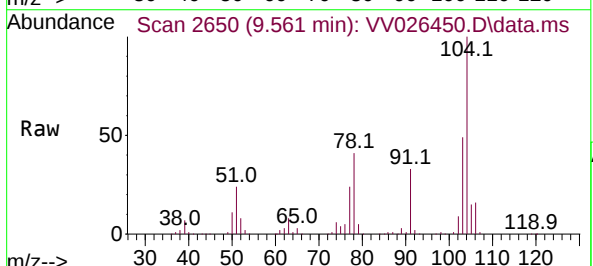
Instrument :
MSVOA_V
ClientSampleId :
VSTD005329

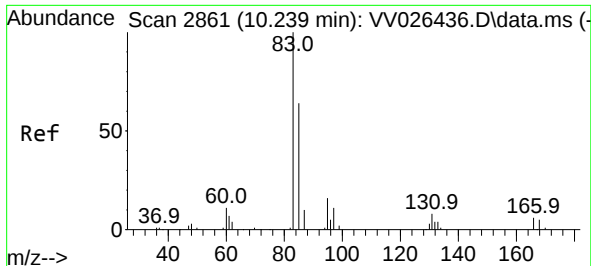
Tgt Ion:106 Resp: 113213
Ion Ratio Lower Upper
106 100
91 208.4 143.3 266.1



#55
Styrene
Concen: 6.012 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV026450.D
Acq: 20 Jun 2022 16:56

Tgt Ion:104 Resp: 196021
Ion Ratio Lower Upper
104 100
78 41.3 29.5 54.7





#57

1,1,2,2-Tetrachloroethane

Concen: 5.730 ug/L

RT: 10.243 min Scan# 2861

Delta R.T. 0.003 min

Lab File: VV026450.D

Acq: 20 Jun 2022 16:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD005329

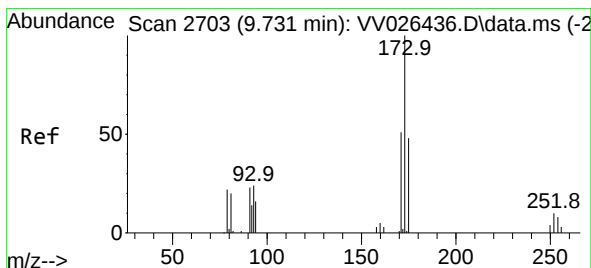
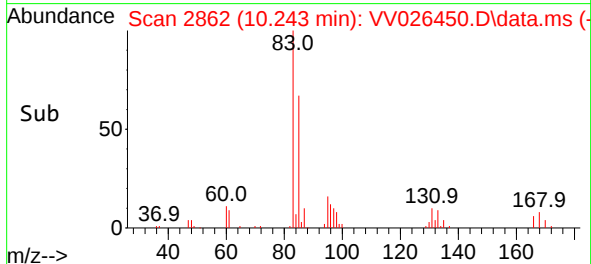
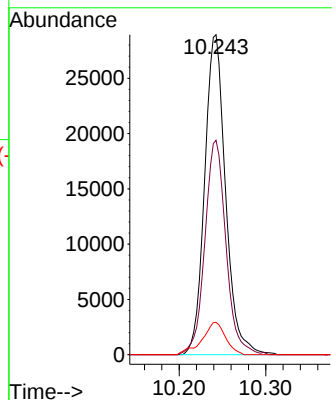
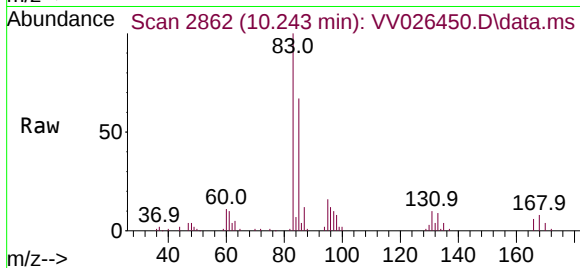
Tgt Ion: 83 Resp: 48665

Ion Ratio Lower Upper

83 100

85 67.0 47.1 87.5

131 10.1 7.7 11.5



#59

Bromoform

Concen: 4.435 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV026450.D

Acq: 20 Jun 2022 16:56

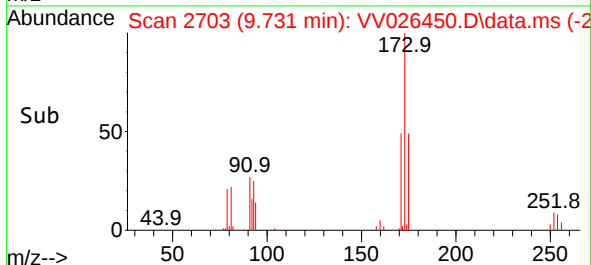
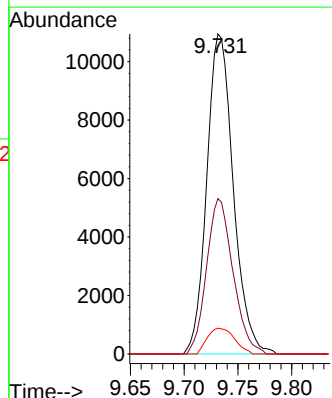
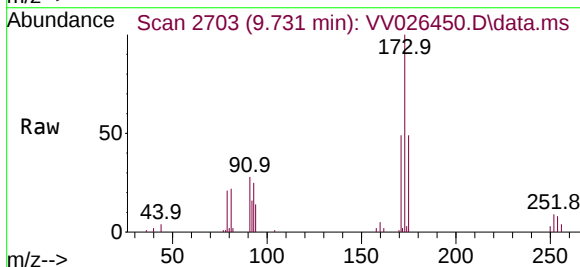
Tgt Ion: 173 Resp: 18782

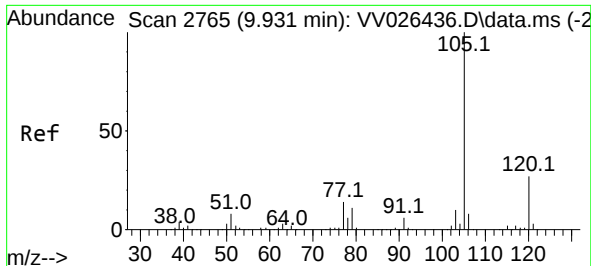
Ion Ratio Lower Upper

173 100

175 48.3 38.3 57.5

254 8.2 6.9 10.3

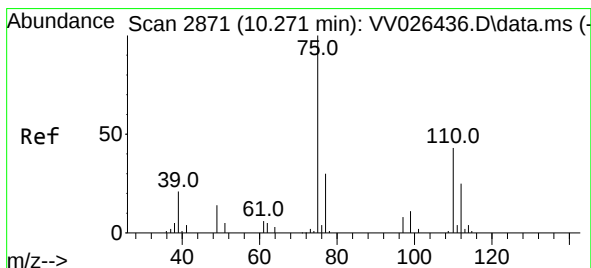
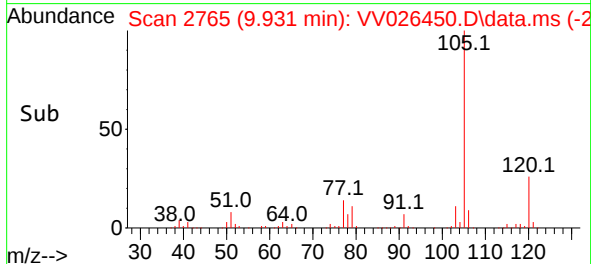
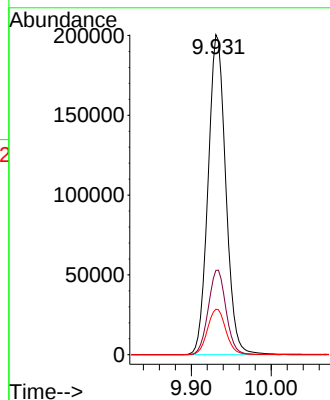
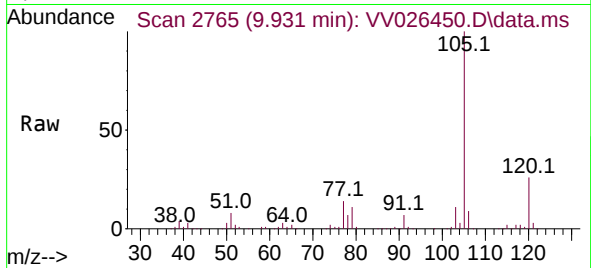




#60
Isopropylbenzene
Concen: 6.001 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026450.D
Acq: 20 Jun 2022 16:56

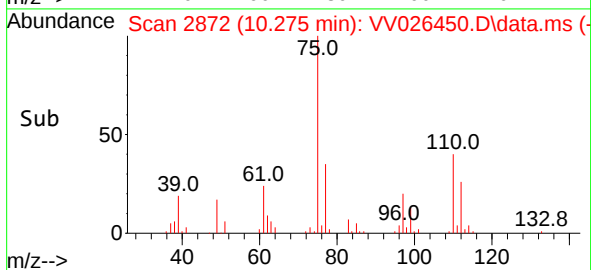
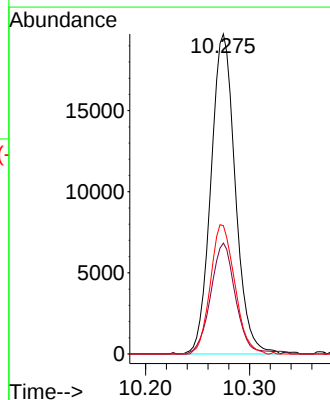
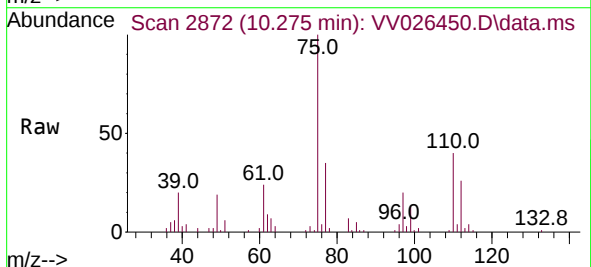
Instrument :
MSVOA_V
ClientSampleId :
VSTD005329

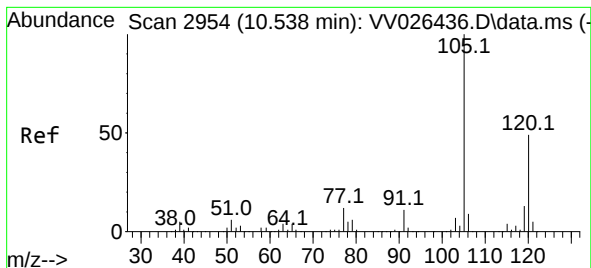
Tgt Ion:105 Resp: 308548
Ion Ratio Lower Upper
105 100
120 26.6 21.5 32.3
77 14.8 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 5.119 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV026450.D
Acq: 20 Jun 2022 16:56

Tgt Ion: 75 Resp: 32036
Ion Ratio Lower Upper
75 100
77 35.2 26.9 40.3
110 40.5 30.7 46.1





#62

1,3,5-Trimethylbenzene

Concen: 5.773 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026450.D

Acq: 20 Jun 2022 16:56

Instrument :

MSVOA_V

ClientSampleId :

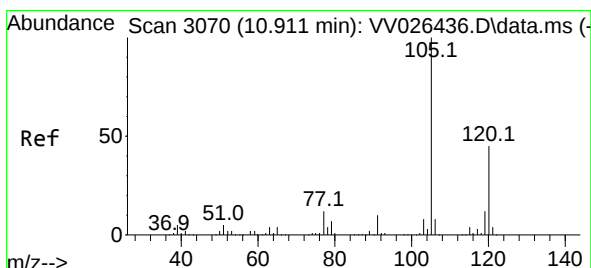
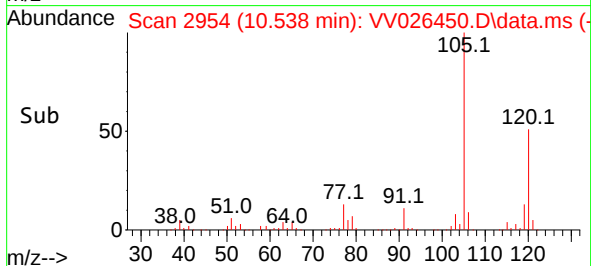
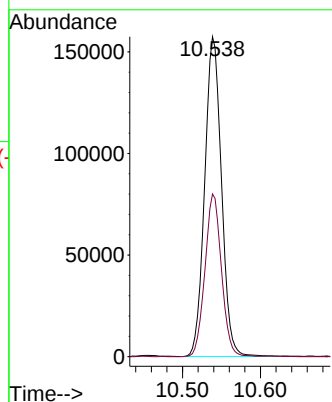
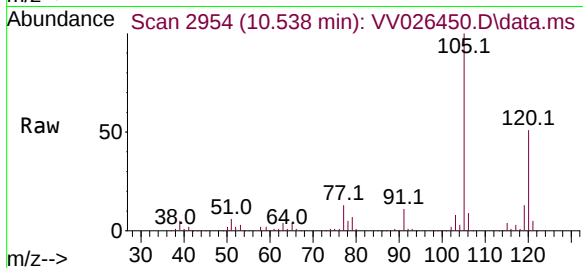
VSTD005329

Tgt Ion:105 Resp: 235510

Ion Ratio Lower Upper

105 100

120 50.0 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 5.943 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV026450.D

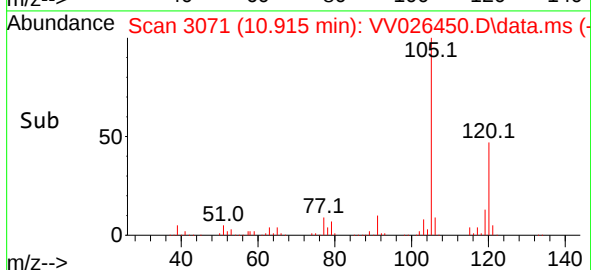
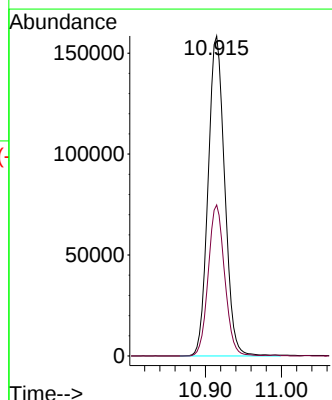
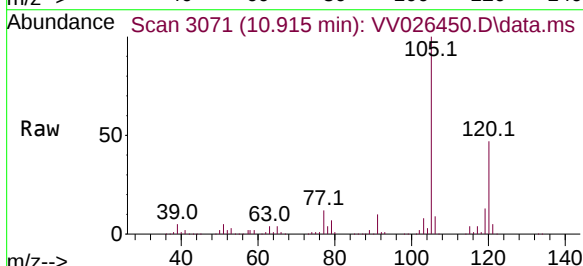
Acq: 20 Jun 2022 16:56

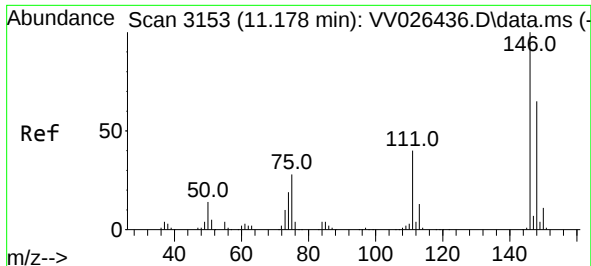
Tgt Ion:105 Resp: 240005

Ion Ratio Lower Upper

105 100

120 46.7 36.9 55.3

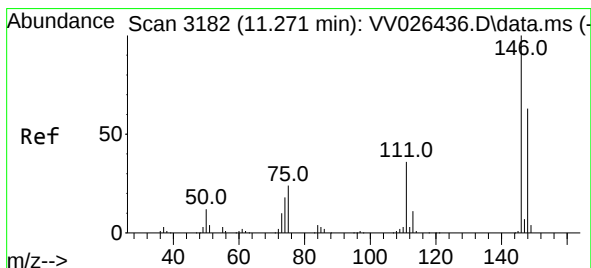
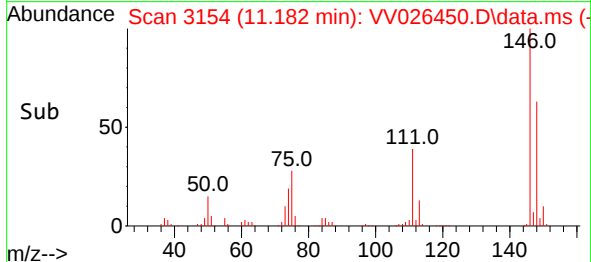
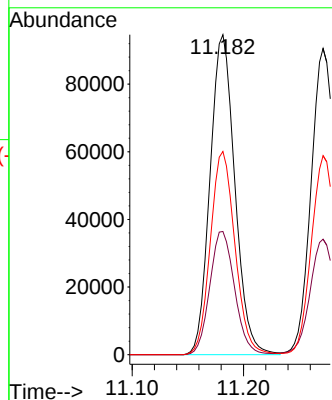
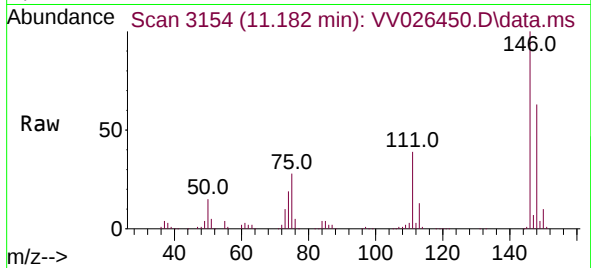




#64
1,3-Dichlorobenzene
Concen: 5.793 ug/L
RT: 11.182 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV026450.D
Acq: 20 Jun 2022 16:56

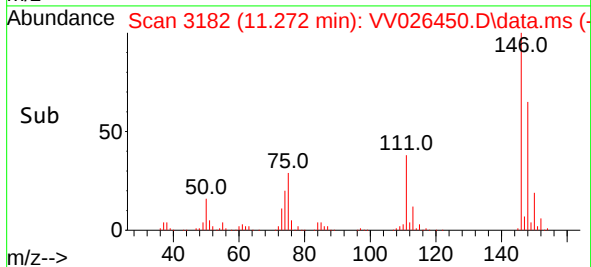
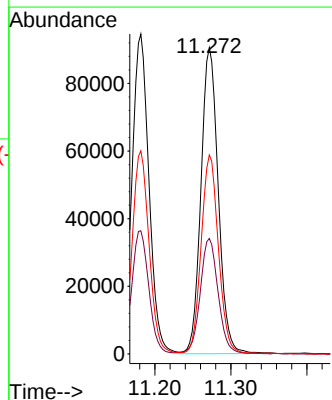
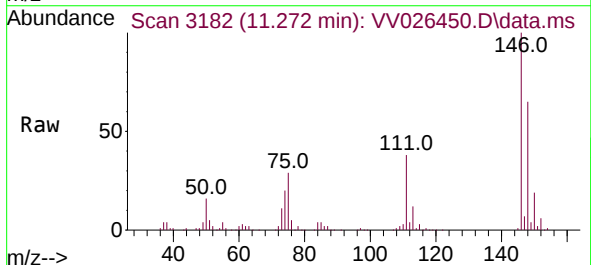
Instrument :
MSVOA_V
ClientSampleId :
VSTD005329

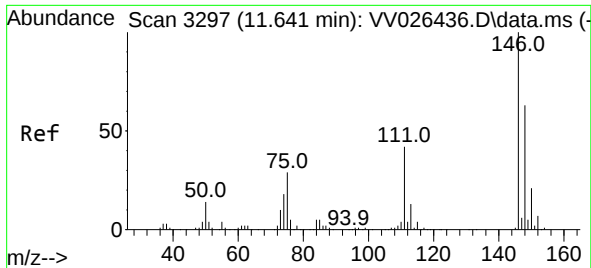
Tgt Ion:146 Resp: 146362
Ion Ratio Lower Upper
146 100
111 38.5 27.8 51.6
148 63.5 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 5.580 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV026450.D
Acq: 20 Jun 2022 16:56

Tgt Ion:146 Resp: 143270
Ion Ratio Lower Upper
146 100
111 37.7 26.7 49.7
148 65.0 43.3 80.3

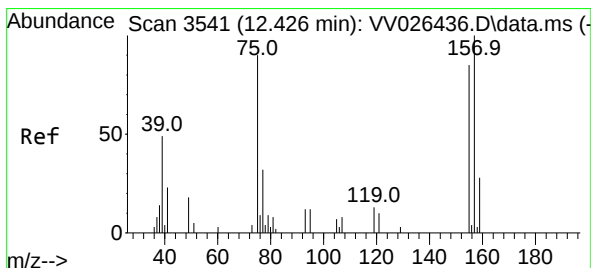
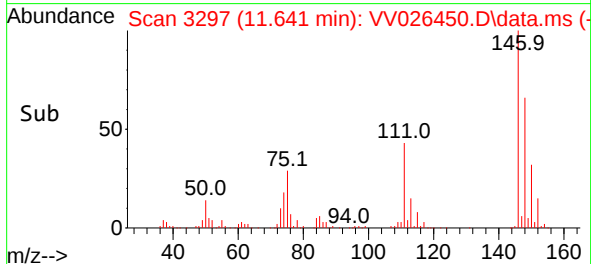
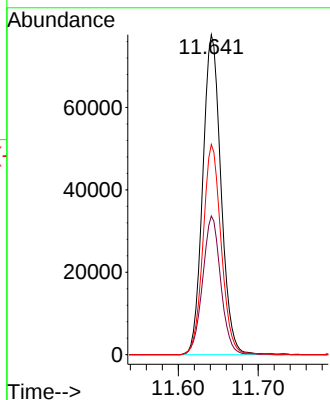
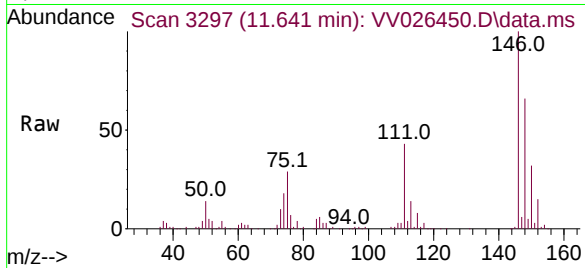




#67
 1,2-Dichlorobenzene
 Concen: 5.504 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV026450.D
 Acq: 20 Jun 2022 16:56

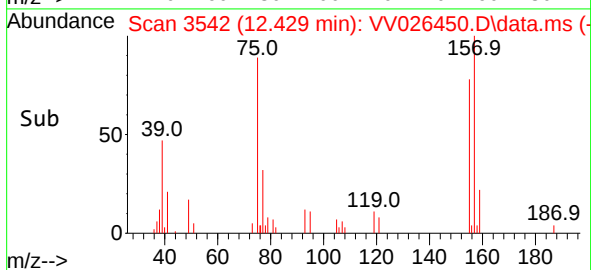
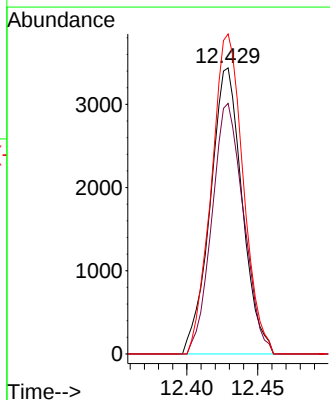
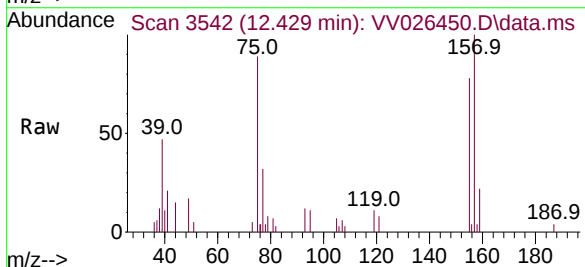
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005329

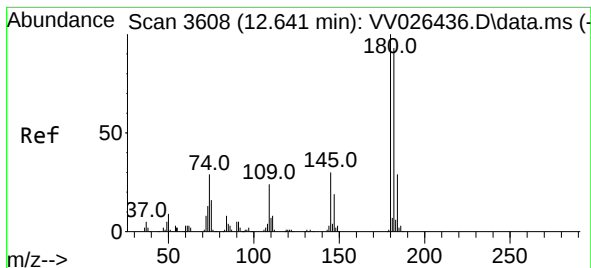
Tgt Ion:146 Resp: 123175
 Ion Ratio Lower Upper
 146 100
 111 43.4 33.8 50.8
 148 65.7 51.7 77.5



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.865 ug/L
 RT: 12.429 min Scan# 3542
 Delta R.T. 0.003 min
 Lab File: VV026450.D
 Acq: 20 Jun 2022 16:56

Tgt Ion: 75 Resp: 5393
 Ion Ratio Lower Upper
 75 100
 155 87.6 63.7 95.5
 157 111.9 85.0 127.6





#69

1,3,5-Trichlorobenzene

Concen: 5.511 ug/L

RT: 12.644 min Scan# 30

Delta R.T. 0.003 min

Lab File: VV026450.D

Acq: 20 Jun 2022 16:56

Instrument :

MSVOA_V

ClientSampleId :

VSTD005329

Tgt Ion:180 Resp: 100666

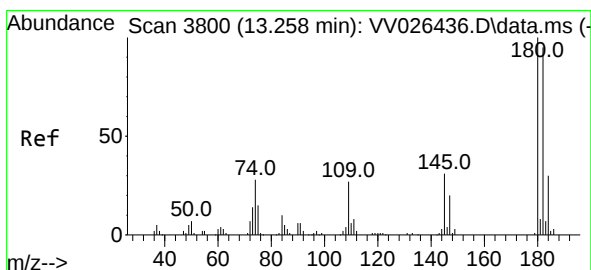
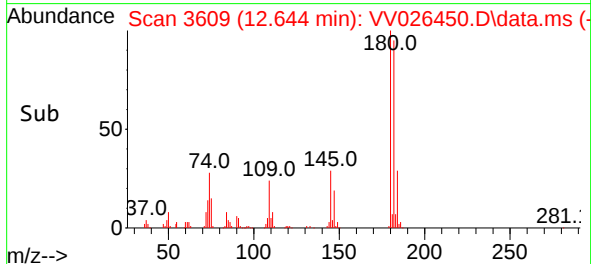
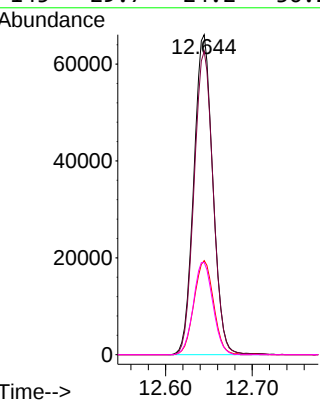
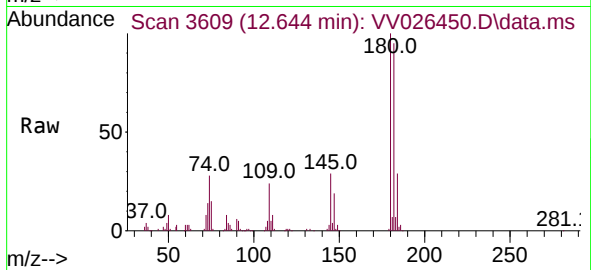
Ion Ratio Lower Upper

180 100

182 95.1 75.5 113.3

184 30.2 23.7 35.5

145 29.7 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 5.229 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV026450.D

Acq: 20 Jun 2022 16:56

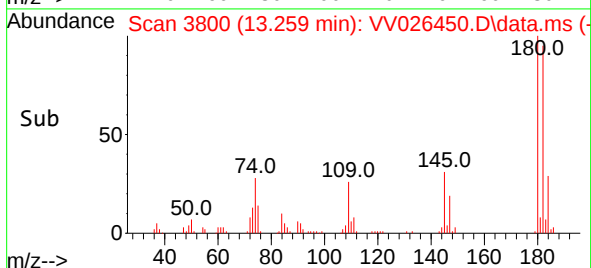
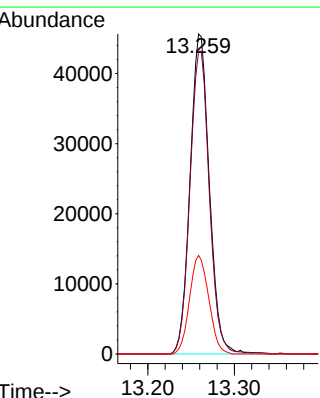
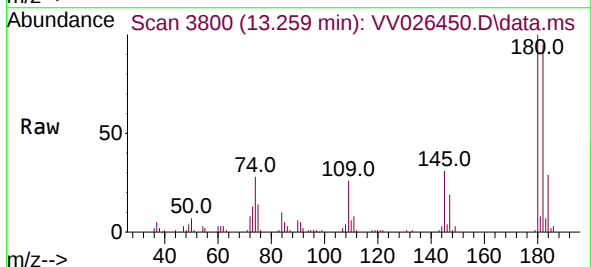
Tgt Ion:180 Resp: 70449

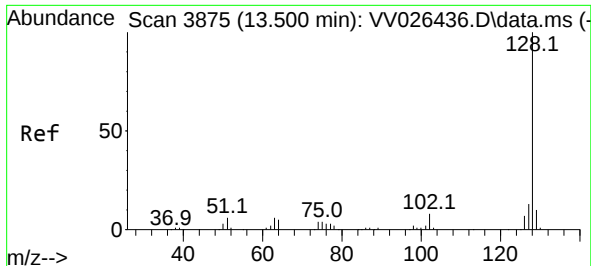
Ion Ratio Lower Upper

180 100

182 95.0 76.2 114.2

145 30.6 23.9 35.9

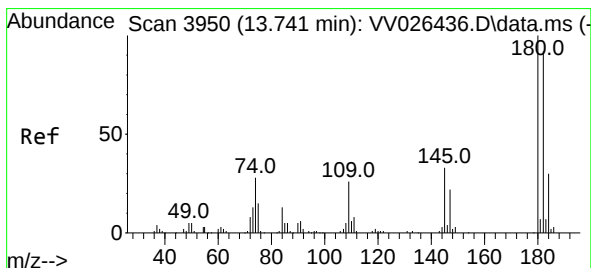
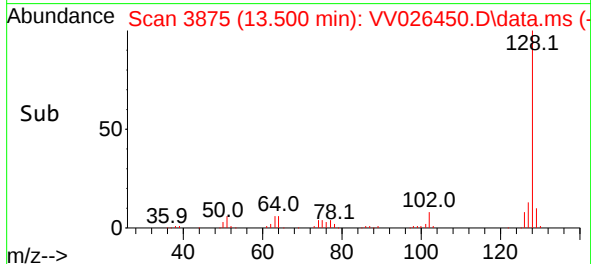
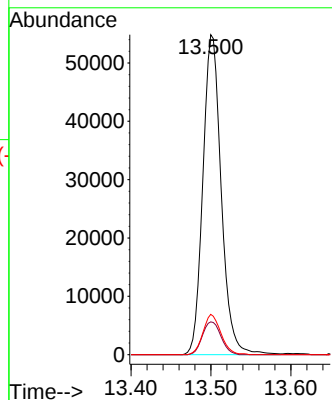
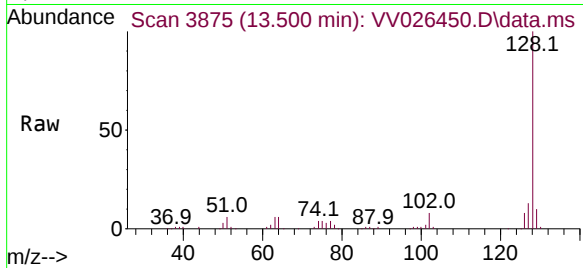




#71
Naphthalene
Concen: 4.691 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026450.D
Acq: 20 Jun 2022 16:56

Instrument :
MSVOA_V
ClientSampleId :
VSTD005329

Tgt Ion:128 Resp: 87751
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 12.3 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.133 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026450.D
Acq: 20 Jun 2022 16:56

Tgt Ion:180 Resp: 57898
Ion Ratio Lower Upper
180 100
182 96.4 77.9 116.9
145 32.3 26.7 40.1

