

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062922\
 Data File : VW026592.D
 Acq On : 29 Jun 2022 11:25
 Operator : SY/MD
 Sample : VSTD01026
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010226

Quant Time: Jun 29 12:23:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 29 12:21:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	293903	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	297972	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	140718	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	42972	11.162	ug/L	0.00
7) Chloroethane-d5	1.584	69	37002	11.040	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.124	63	68903	10.338	ug/L	0.00
21) 2-Butanone-d5	3.940	46	17265	10.517	ug/L	0.02
24) Chloroform-d	4.365	84	74551	13.181	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.047	65	42821	12.668	ug/L	0.00
32) Benzene-d6	5.063	84	142493	12.684	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.079	67	46290	13.491	ug/L	0.00
41) Toluene-d8	7.320	98	115923	11.215	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	14626	9.754	ug/L	0.00
47) 2-Hexanone-d5	8.098	63	19896	16.559	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	60305	13.100	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	44221	13.292	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.146	85	15611	5.582	ug/L	98
3) Chloromethane	1.256	50	20959	6.139	ug/L	99
5) Vinyl chloride	1.326	62	20504	5.894	ug/L	90
6) Bromomethane	1.539	94	12973	6.178	ug/L	93
8) Chloroethane	1.600	64	12239	4.818	ug/L	83
9) Trichlorofluoromethane	1.767	101	27833	5.620	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	15652	5.907	ug/L	98
12) 1,1-Dichloroethene	2.133	96	15626	5.979	ug/L #	68
13) Acetone	2.214	43	4359	4.187	ug/L	84
14) Carbon disulfide	2.307	76	44591	6.792	ug/L	99
15) Methyl Acetate	2.461	43	12405	5.613	ug/L	98
16) Methylene chloride	2.523	84	18868	7.305	ug/L	93
17) trans-1,2-Dichloroethene	2.777	96	15441	6.773	ug/L	91
18) Methyl tert-butyl Ether	2.789	73	36690	5.618	ug/L	98
19) 1,1-Dichloroethane	3.207	63	28506	6.723	ug/L	93
20) cis-1,2-Dichloroethene	3.928	96	15016	6.122	ug/L	96
22) 2-Butanone	4.040	43	7348	5.383	ug/L	83
23) Bromochloromethane	4.268	128	8758	6.704	ug/L	95
25) Chloroform	4.391	83	30790	6.819	ug/L	97
27) 1,2-Dichloroethane	5.146	62	19273	5.750	ug/L	98
29) Cyclohexane	4.693	56	16205	4.799	ug/L	95
30) 1,1,1-Trichloroethane	4.622	97	25285	6.529	ug/L	95
31) Carbon tetrachloride	4.841	117	20612	6.338	ug/L	100
33) Benzene	5.111	78	60100	6.256	ug/L	100
34) Trichloroethene	5.928	95	15400	6.198	ug/L	95
35) Methylcyclohexane	6.137	83	19548	5.244	ug/L	96
37) 1,2-Dichloropropane	6.182	63	14232	5.950	ug/L #	96
38) Bromodichloromethane	6.516	83	19891	6.155	ug/L	99
39) cis-1,3-Dichloropropene	7.037	75	16474	4.851	ug/L	95
40) 4-Methyl-2-pentanone	7.236	43	24216	8.957	ug/L	96
42) Toluene	7.394	91	58167	5.666	ug/L	97
44) trans-1,3-Dichloropropene	7.661	75	16074	4.920	ug/L	99

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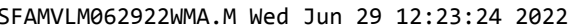
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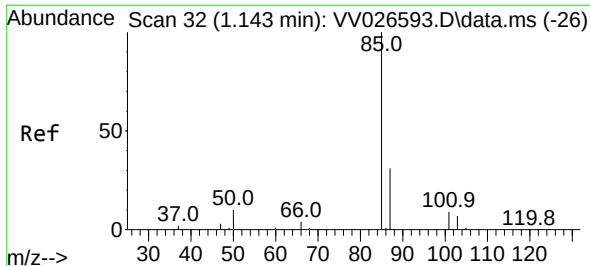
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	16747	6.828	ug/L	96
46) Tetrachloroethene	7.979	164	12157	6.541	ug/L	95
48) 2-Hexanone	8.149	43	17350	8.224	ug/L	98
49) Dibromochloromethane	8.249	129	14425	5.967	ug/L	98
50) 1,2-Dibromoethane	8.358	107	16026	6.436	ug/L #	93
51) Chlorobenzene	8.882	112	41327	6.280	ug/L	95
52) Ethylbenzene	9.014	91	51016	4.888	ug/L	98
53) m,p-Xylene	9.140	106	19397	4.769	ug/L	96
54) o-Xylene	9.545	106	18703	4.693	ug/L	93
55) Styrene	9.564	104	30621	4.410	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.239	83	24057	6.561	ug/L #	98
59) Bromoform	9.734	173	7682	6.012	ug/L	95
60) Isopropylbenzene	9.931	105	44411	4.997	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	17226	6.545	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	33425	6.797	ug/L	97
63) 1,2,4-Trimethylbenzene	10.914	105	33421	4.725	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	25615	5.990	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	27372	6.124	ug/L	98
67) 1,2-Dichlorobenzene	11.644	146	26715	6.036	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	3216	5.431	ug/L #	80
69) 1,3,5-Trichlorobenzene	12.644	180	16488	5.633	ug/L	96
70) 1,2,4-trichlorobenzene	13.258	180	12436	5.043	ug/L	95
71) Naphthalene	13.503	128	30777	4.312	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	12164	4.839	ug/L	100

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

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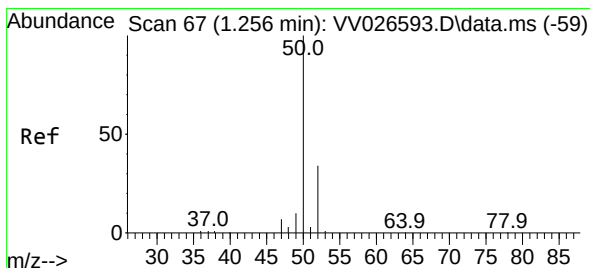
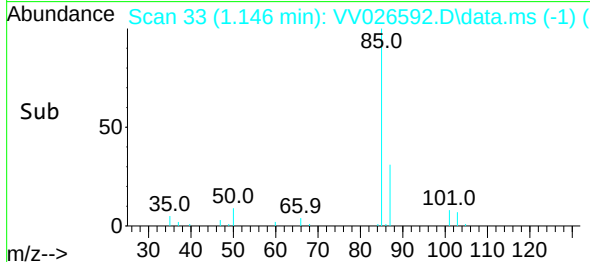
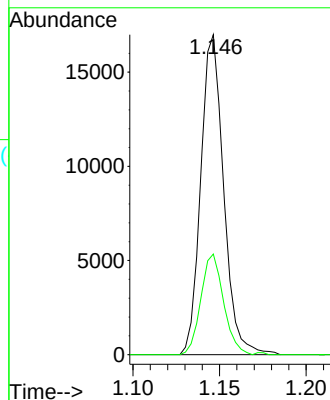
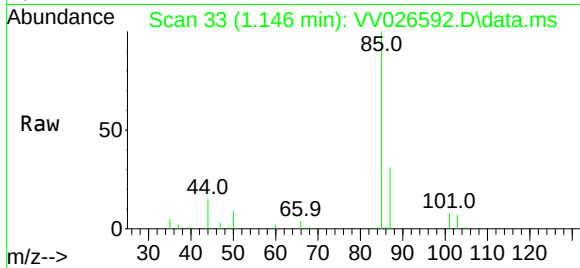




#2
 Dichlorodifluoromethane
 Concen: 5.582 ug/L
 RT: 1.146 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VV026592.D
 Acq: 29 Jun 2022 11:25

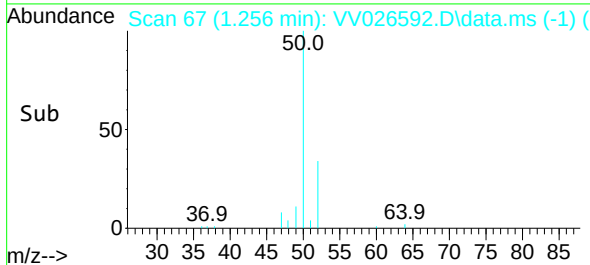
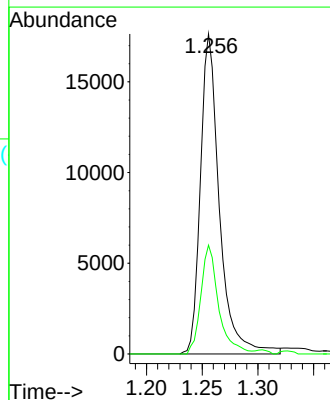
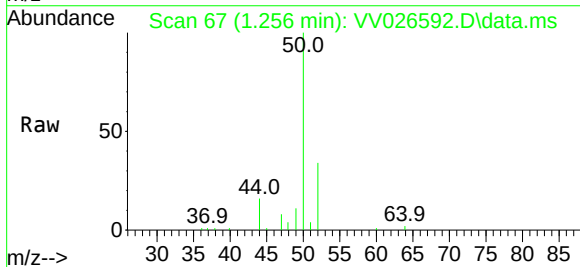
Instrument :
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 ClientSampleId :
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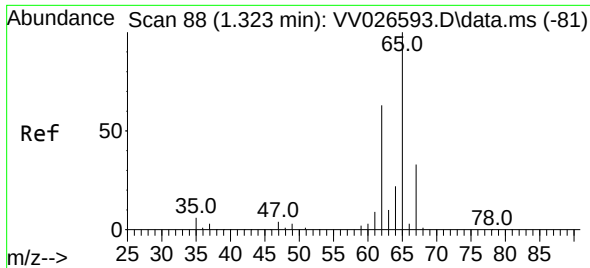
Tgt Ion: 85 Resp: 15611
 Ion Ratio Lower Upper
 85 100
 87 31.1 26.0 39.0



#3
 Chloromethane
 Concen: 6.139 ug/L
 RT: 1.256 min Scan# 67
 Delta R.T. -0.000 min
 Lab File: VV026592.D
 Acq: 29 Jun 2022 11:25

Tgt Ion: 50 Resp: 20959
 Ion Ratio Lower Upper
 50 100
 52 34.0 23.2 43.2

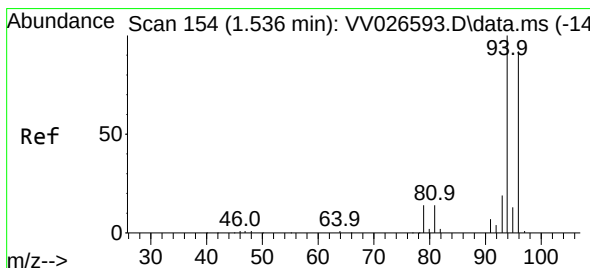
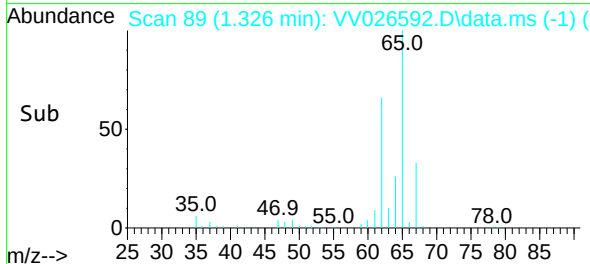
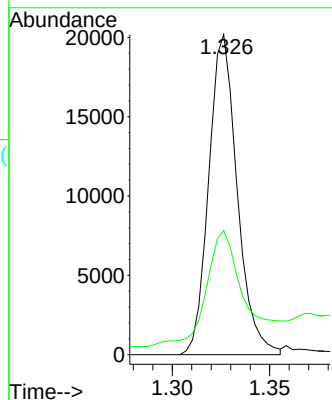
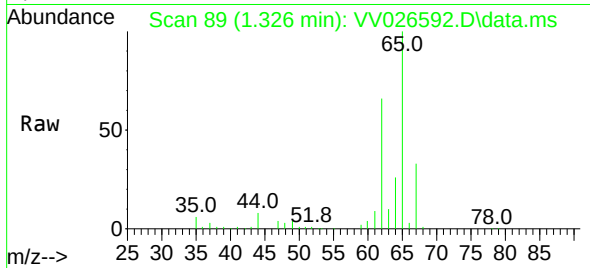




#5
 Vinyl chloride
 Concen: 5.894 ug/L
 RT: 1.326 min Scan# 89
 Delta R.T. 0.003 min
 Lab File: VV026592.D
 Acq: 29 Jun 2022 11:25

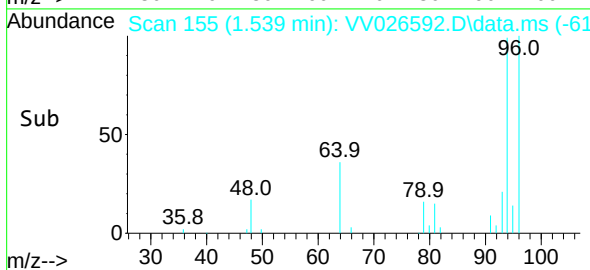
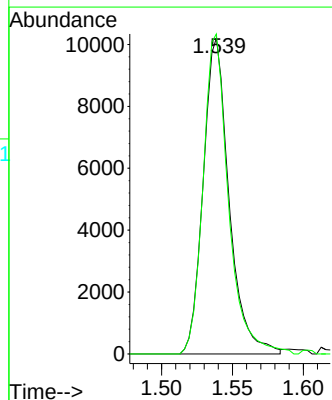
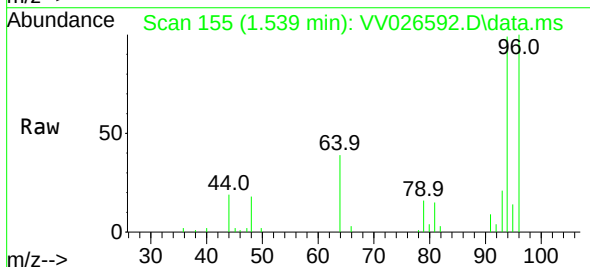
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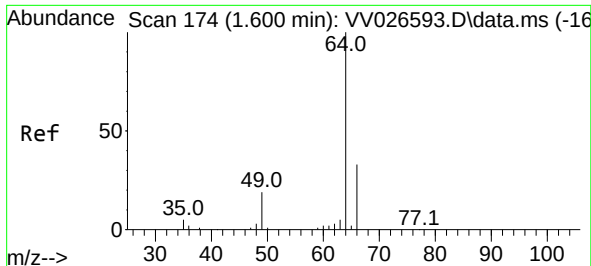
Tgt Ion: 62 Resp: 20504
 Ion Ratio Lower Upper
 62 100
 64 38.7 23.2 43.0



#6
 Bromomethane
 Concen: 6.178 ug/L
 RT: 1.539 min Scan# 155
 Delta R.T. 0.003 min
 Lab File: VV026592.D
 Acq: 29 Jun 2022 11:25

Tgt Ion: 94 Resp: 12973
 Ion Ratio Lower Upper
 94 100
 96 101.3 65.9 122.3

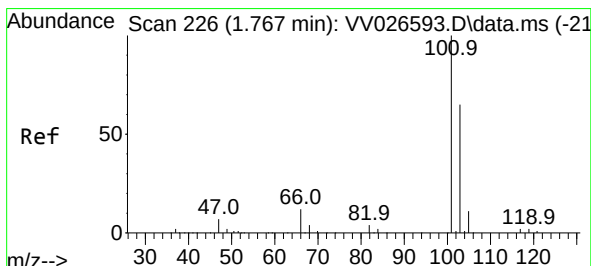
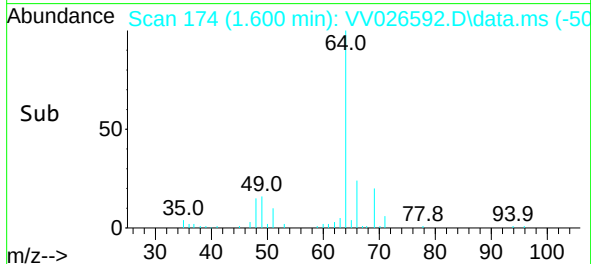
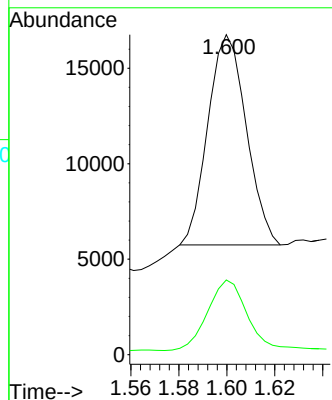
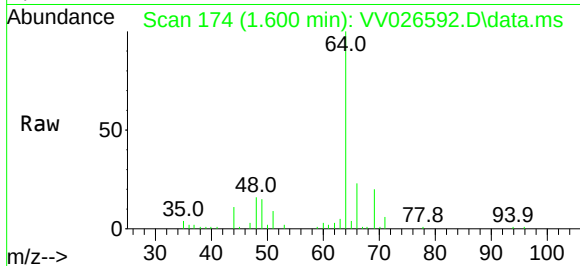




#8
Chloroethane
Concen: 4.818 ug/L
RT: 1.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

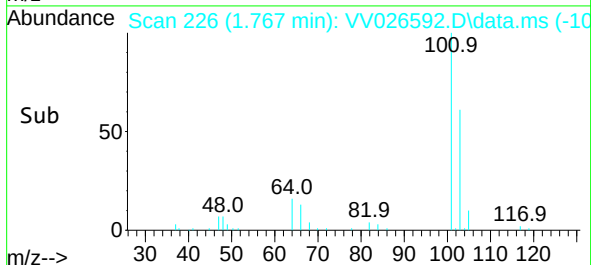
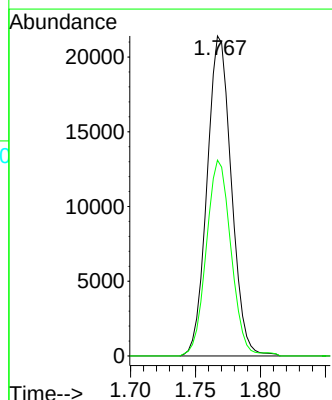
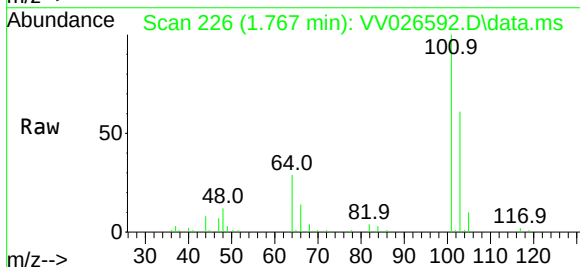
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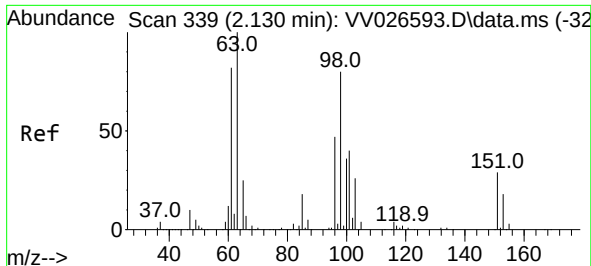
Tgt Ion: 64 Resp: 12239
Ion Ratio Lower Upper
64 100
66 23.3 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.620 ug/L
RT: 1.767 min Scan# 226
Delta R.T. -0.000 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

Tgt Ion:101 Resp: 27833
Ion Ratio Lower Upper
101 100
103 62.0 51.5 77.3

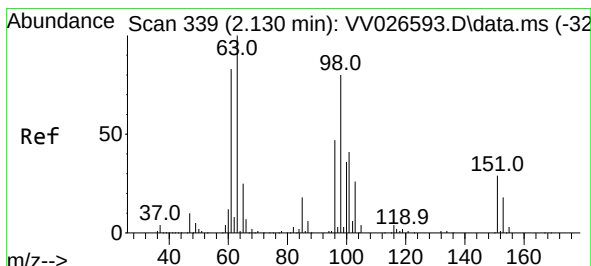
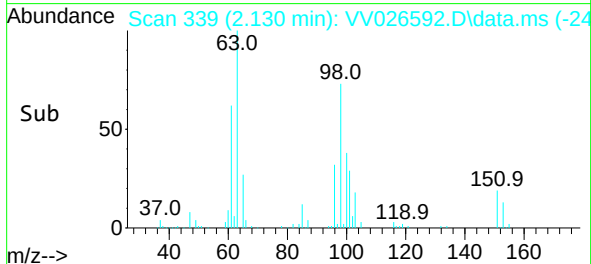
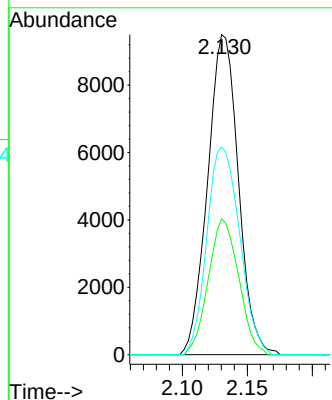
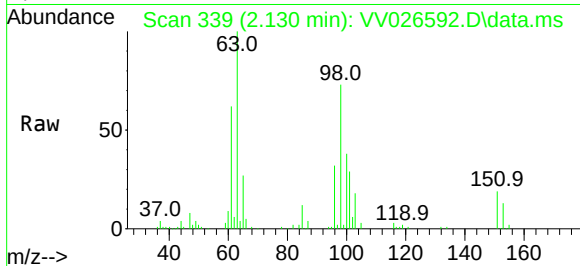




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.907 ug/L
 RT: 2.130 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV026592.D
 Acq: 29 Jun 2022 11:25

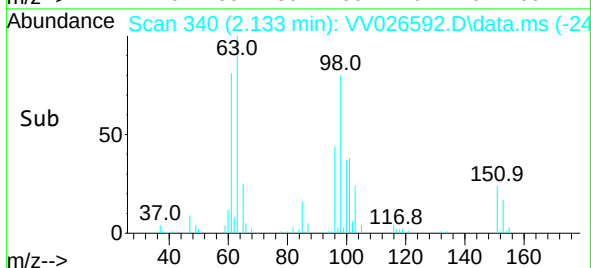
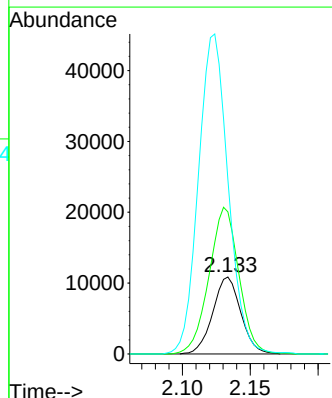
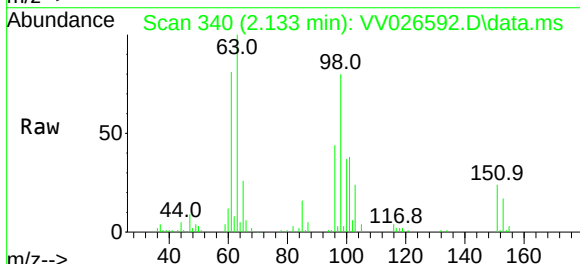
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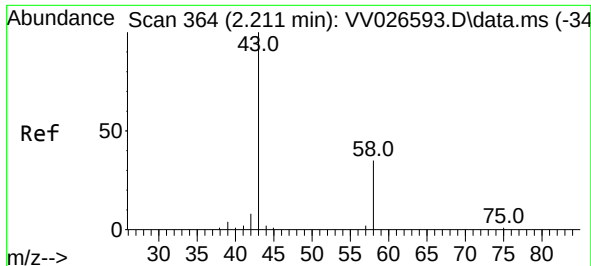
Tgt Ion:	101	Resp:	15652
Ion	Ratio	Lower	Upper
101	100		
85	41.9	34.6	51.8
151	69.3	54.3	81.5



#12
 1,1-Dichloroethene
 Concen: 5.979 ug/L
 RT: 2.133 min Scan# 340
 Delta R.T. 0.003 min
 Lab File: VV026592.D
 Acq: 29 Jun 2022 11:25

Tgt Ion:	96	Resp:	15626
Ion	Ratio	Lower	Upper
96	100		
61	184.5	124.6	231.4
63	226.5	101.6	188.6

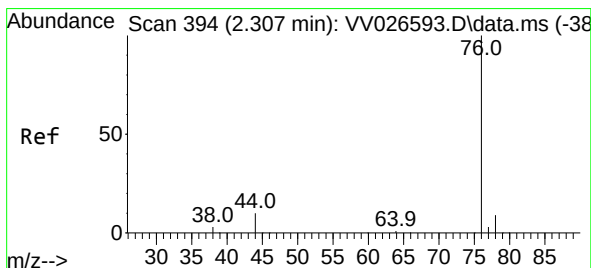
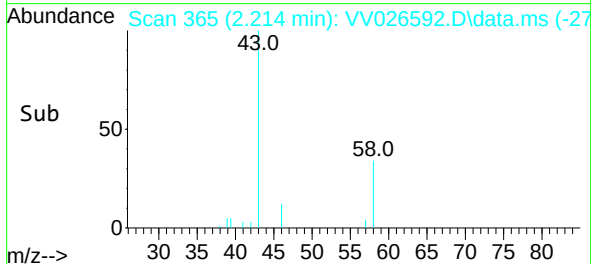
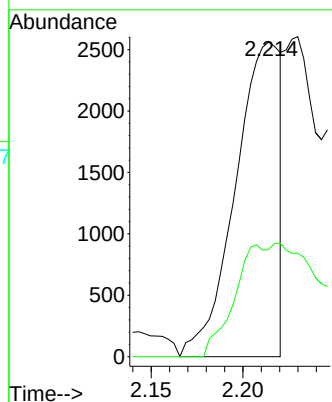
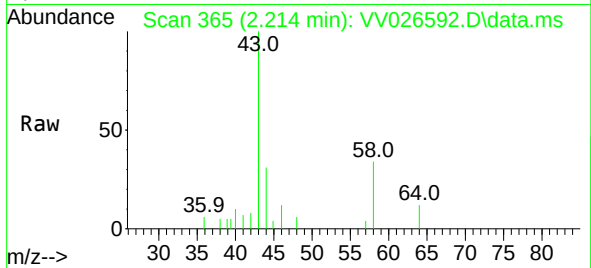




#13
Acetone
Concen: 4.187 ug/L
RT: 2.214 min Scan# 30
Delta R.T. 0.003 min
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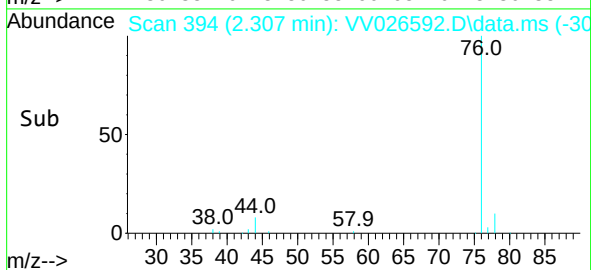
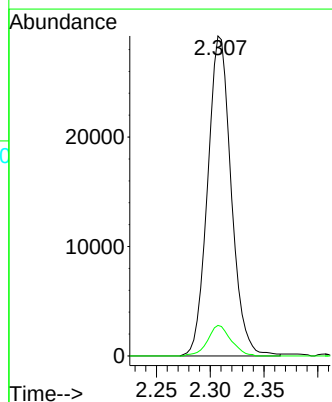
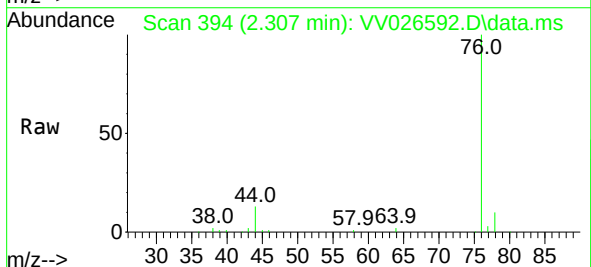
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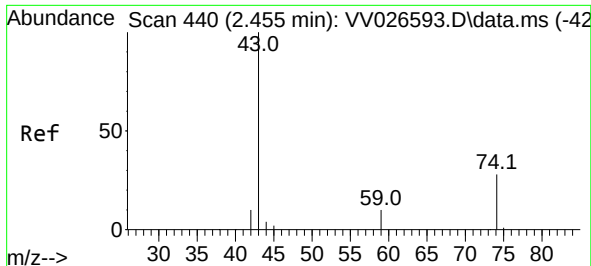
Tgt Ion: 43 Resp: 4359
Ion Ratio Lower Upper
43 100
58 23.7 0.0 65.0



#14
Carbon disulfide
Concen: 6.792 ug/L
RT: 2.307 min Scan# 394
Delta R.T. -0.000 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

Tgt Ion: 76 Resp: 44591
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0

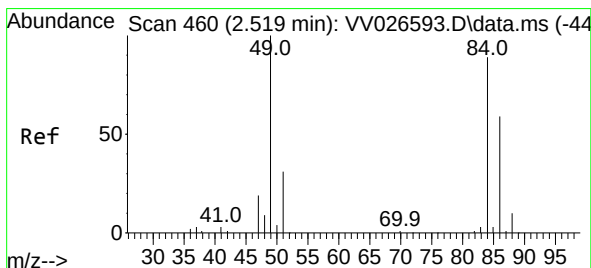
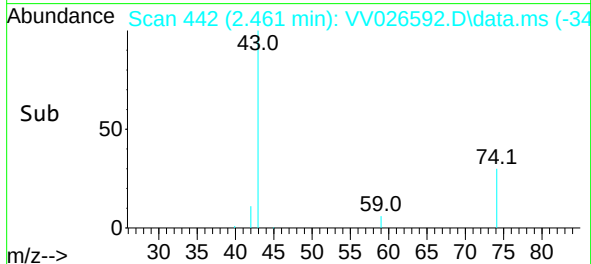
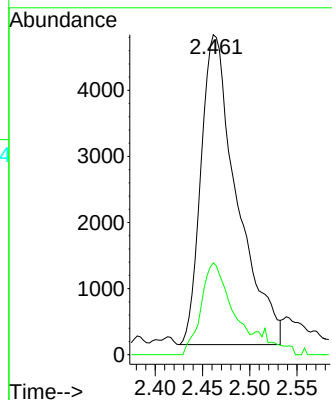
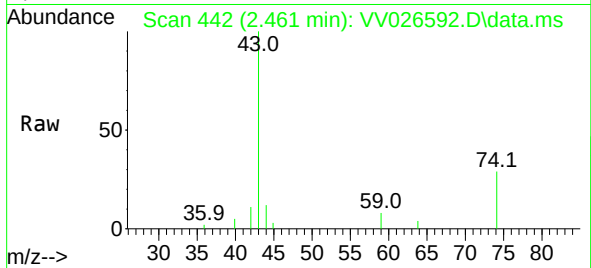




#15
Methyl Acetate
Concen: 5.613 ug/L
RT: 2.461 min Scan# 441
Delta R.T. 0.006 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

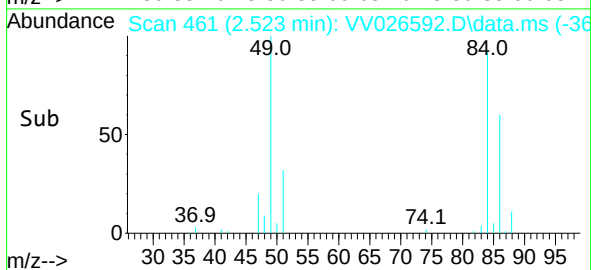
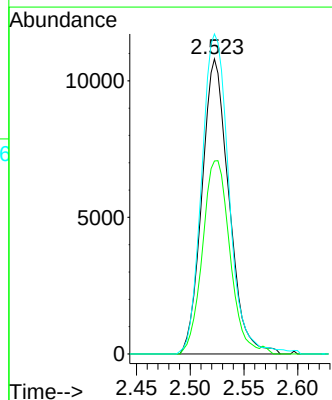
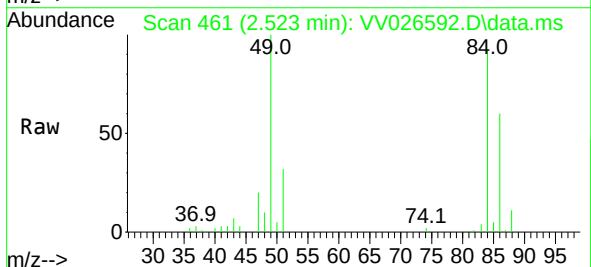
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ClientSampleId :
VSTD010226

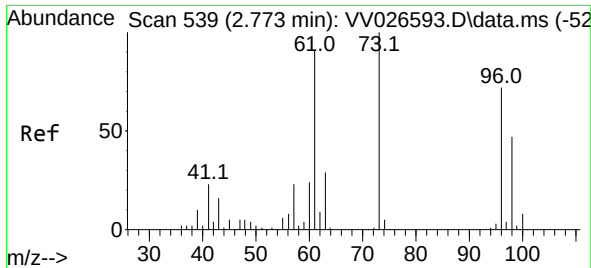
Tgt Ion: 43 Resp: 12405
Ion Ratio Lower Upper
43 100
74 24.9 20.7 31.1



#16
Methylene chloride
Concen: 7.305 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.003 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

Tgt Ion: 84 Resp: 18868
Ion Ratio Lower Upper
84 100
86 65.4 44.2 82.0
49 108.5 82.7 153.5

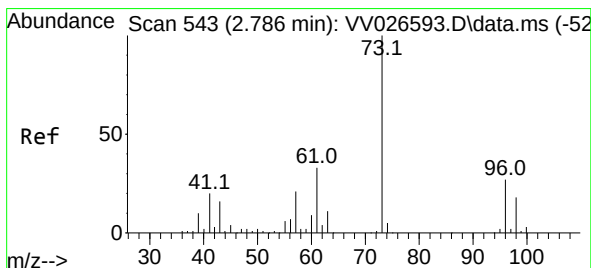
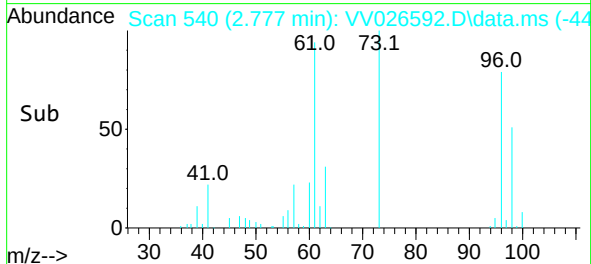
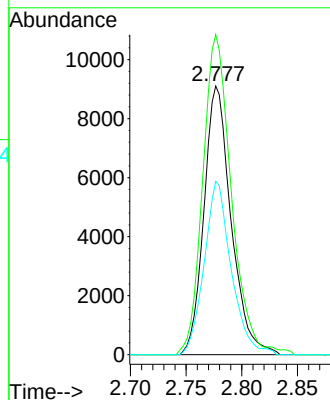
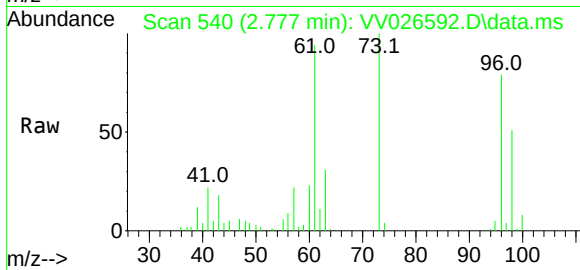




#17
trans-1,2-Dichloroethene
Concen: 6.773 ug/L
RT: 2.777 min Scan# 541
Delta R.T. 0.003 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

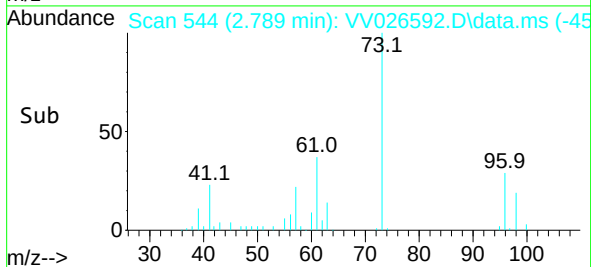
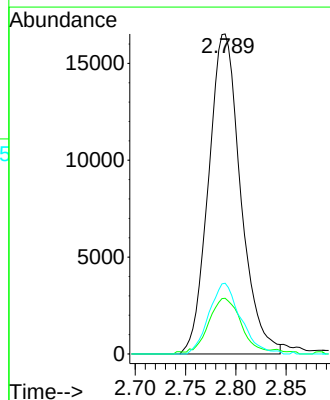
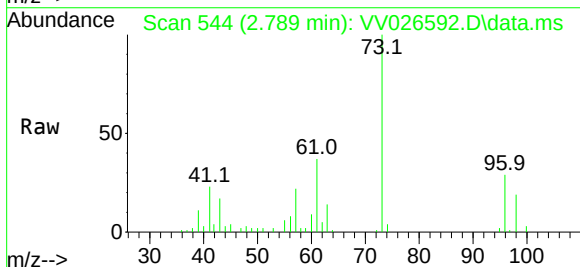
Instrument :
MSVOA_V
ClientSampleId :
VSTD010226

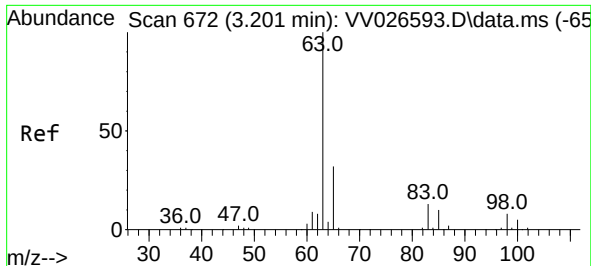
Tgt Ion: 96 Resp: 15441
Ion Ratio Lower Upper
96 100
61 119.1 92.7 172.1
98 64.5 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 5.618 ug/L
RT: 2.789 min Scan# 544
Delta R.T. 0.003 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

Tgt Ion: 73 Resp: 36690
Ion Ratio Lower Upper
73 100
43 16.8 14.6 22.0
57 21.6 17.5 26.3





#19

1,1-Dichloroethane

Concen: 6.723 ug/L

RT: 3.207 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV026592.D

Acq: 29 Jun 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD010226

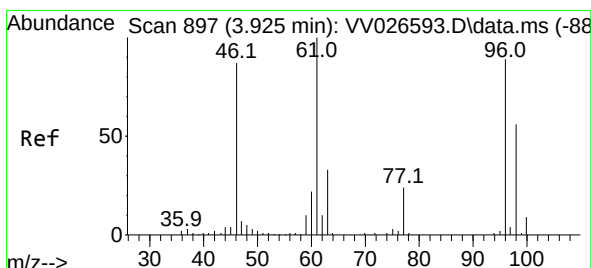
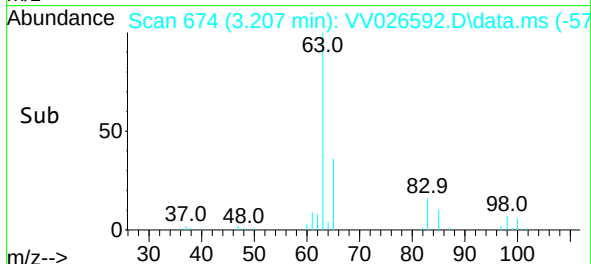
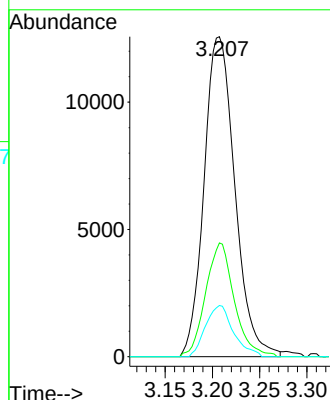
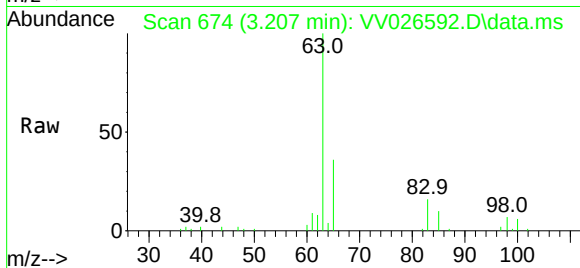
Tgt Ion: 63 Resp: 28506

Ion Ratio Lower Upper

63 100

65 35.6 22.0 40.8

83 16.0 9.2 17.0



#20

cis-1,2-Dichloroethene

Concen: 6.122 ug/L

RT: 3.928 min Scan# 898

Delta R.T. 0.003 min

Lab File: VV026592.D

Acq: 29 Jun 2022 11:25

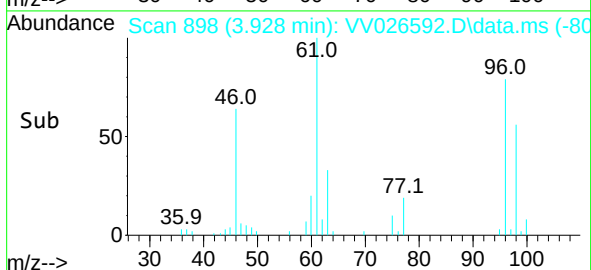
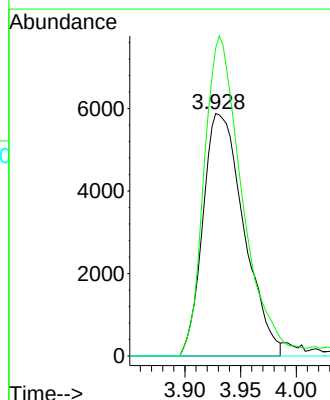
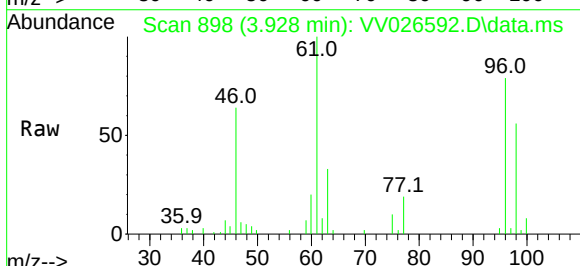
Tgt Ion: 96 Resp: 15016

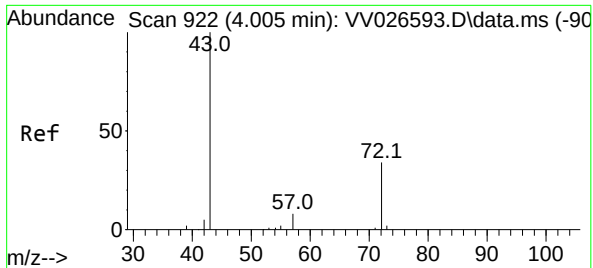
Ion Ratio Lower Upper

96 100

61 127.1 86.0 159.6

68 0.0 0.0 0.0

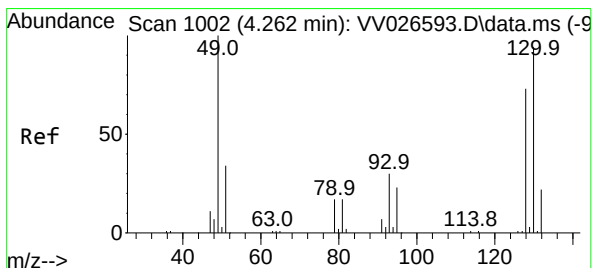
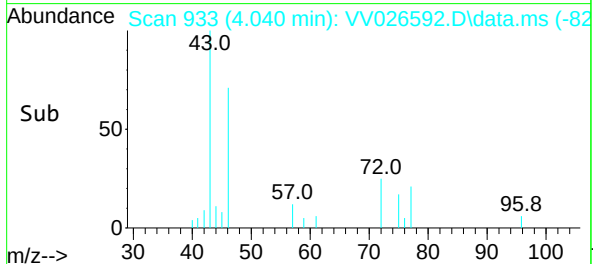
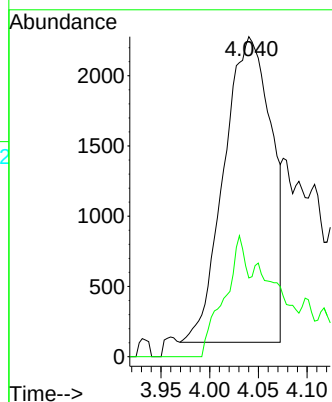
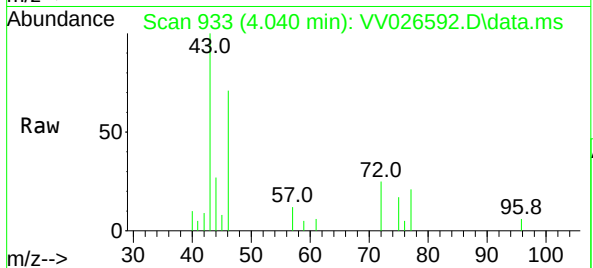




#22
2-Butanone
Concen: 5.383 ug/L
RT: 4.040 min Scan# 91
Delta R.T. 0.035 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

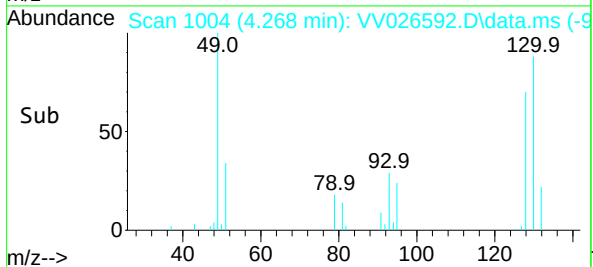
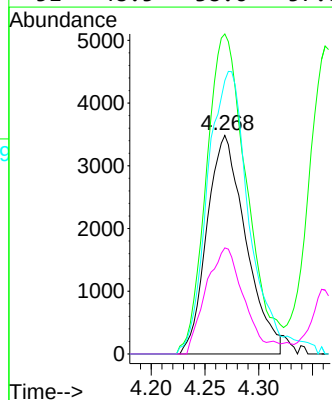
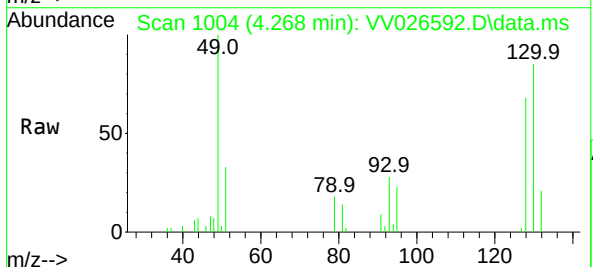
Instrument :
MSVOA_V
ClientSampleId :
VSTD010226

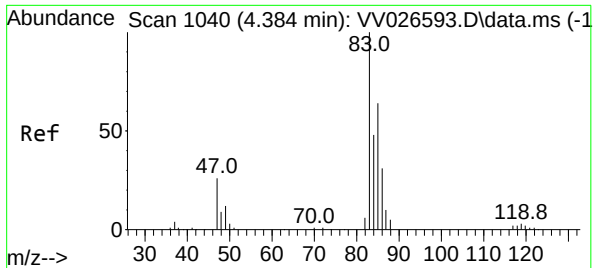
Tgt Ion: 43 Resp: 7348
Ion Ratio Lower Upper
43 100
72 18.8 13.8 41.4



#23
Bromochloromethane
Concen: 6.704 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

Tgt Ion: 128 Resp: 8758
Ion Ratio Lower Upper
128 100
49 146.4 111.0 206.2
130 125.0 87.1 161.7
51 48.5 38.6 57.8





#25

Chloroform

Concen: 6.819 ug/L

RT: 4.391 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV026592.D

Acq: 29 Jun 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

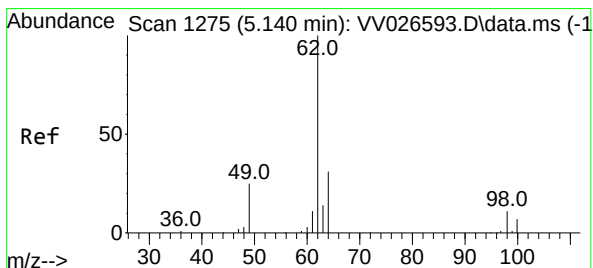
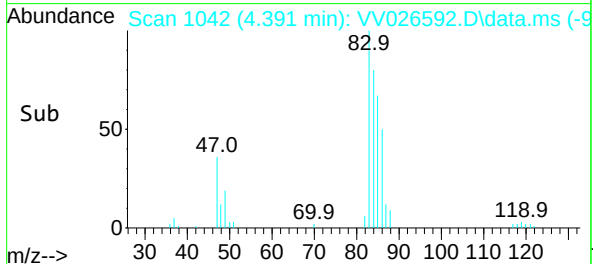
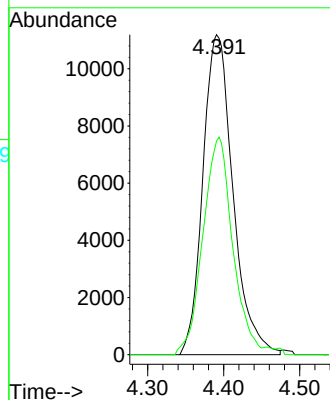
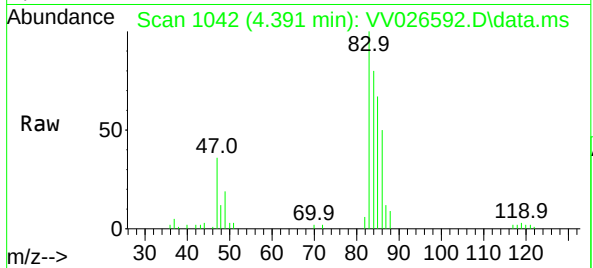
VSTD010226

Tgt Ion: 83 Resp: 30790

Ion Ratio Lower Upper

83 100

85 66.8 44.9 83.3



#27

1,2-Dichloroethane

Concen: 5.750 ug/L

RT: 5.146 min Scan# 1277

Delta R.T. 0.006 min

Lab File: VV026592.D

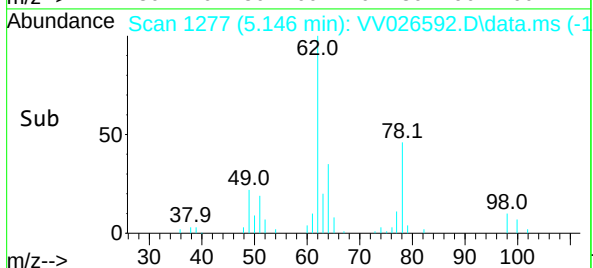
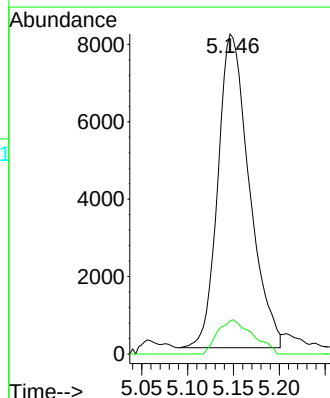
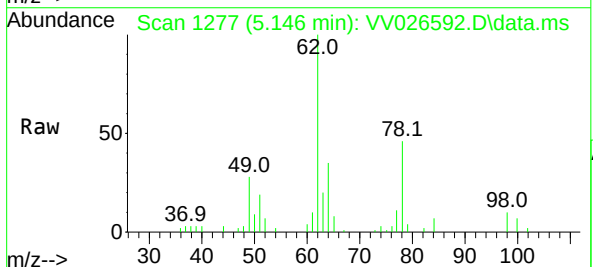
Acq: 29 Jun 2022 11:25

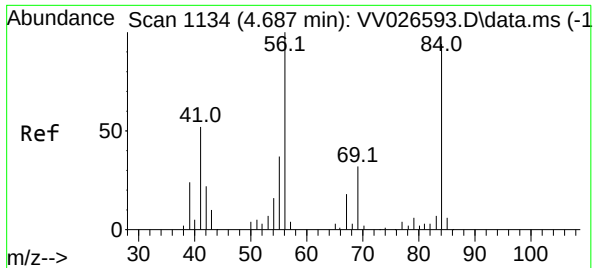
Tgt Ion: 62 Resp: 19273

Ion Ratio Lower Upper

62 100

98 10.3 7.7 11.5





#29

Cyclohexane

Concen: 4.799 ug/L

RT: 4.693 min Scan# 1113

Delta R.T. 0.006 min

Lab File: VV026592.D

Acq: 29 Jun 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD010226

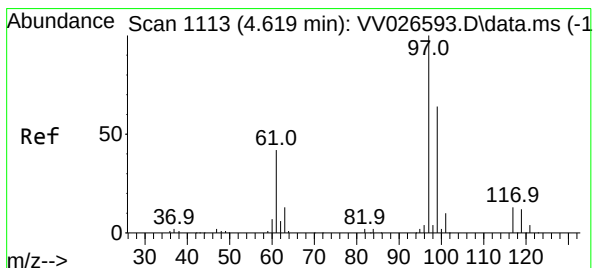
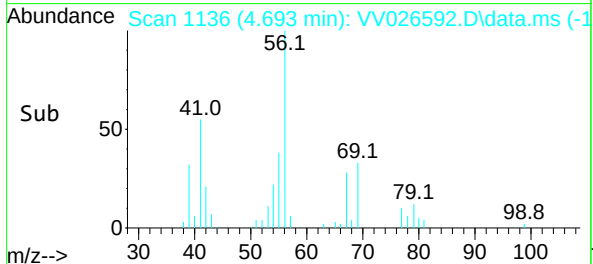
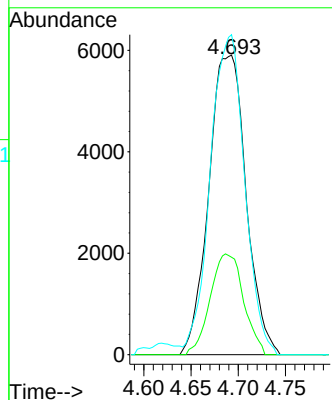
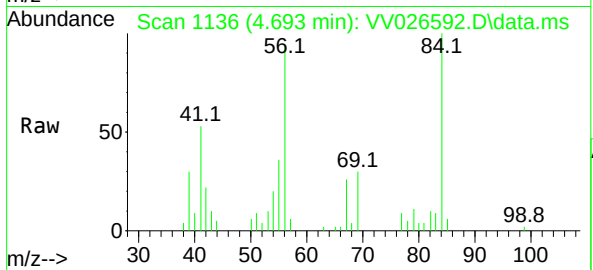
Tgt Ion: 56 Resp: 16205

Ion Ratio Lower Upper

56 100

69 30.0 24.8 37.2

84 98.5 73.8 110.8



#30

1,1,1-Trichloroethane

Concen: 6.529 ug/L

RT: 4.622 min Scan# 1114

Delta R.T. 0.003 min

Lab File: VV026592.D

Acq: 29 Jun 2022 11:25

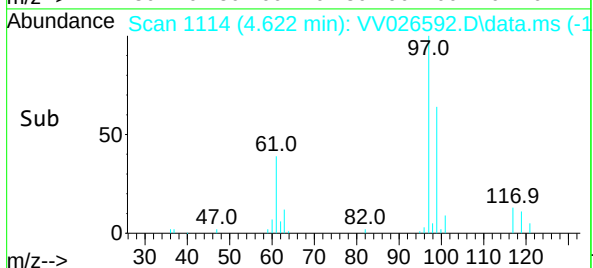
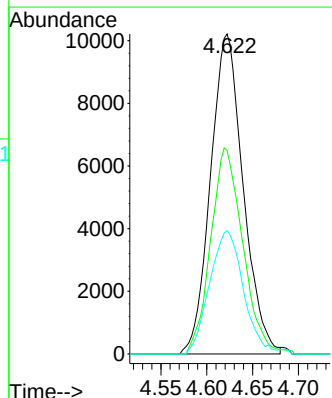
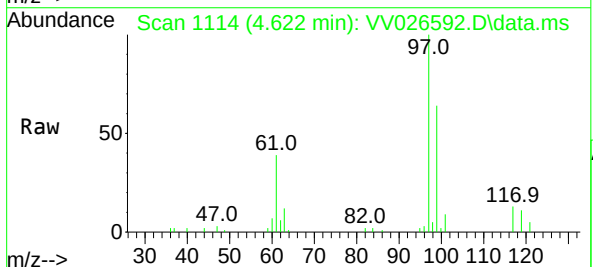
Tgt Ion: 97 Resp: 25285

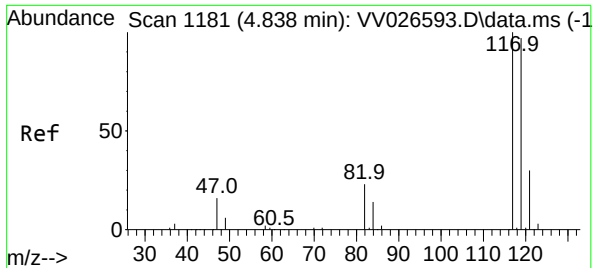
Ion Ratio Lower Upper

97 100

99 63.3 52.6 78.8

61 39.7 35.6 53.4

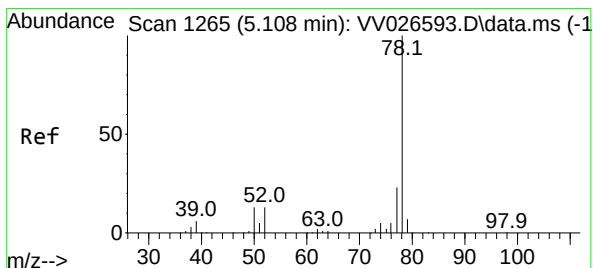
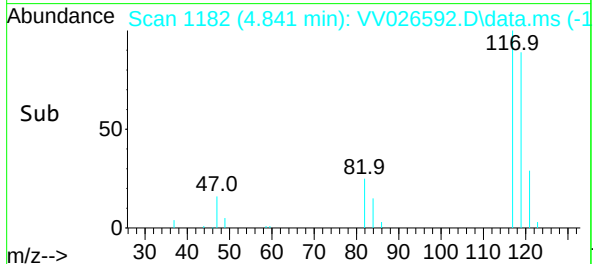
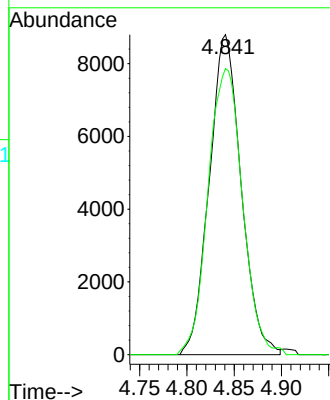
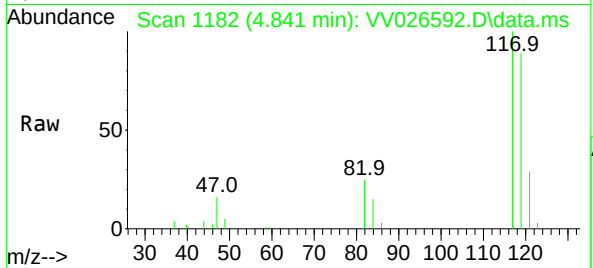




#31
Carbon tetrachloride
Concen: 6.338 ug/L
RT: 4.841 min Scan# 1181
Delta R.T. 0.003 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

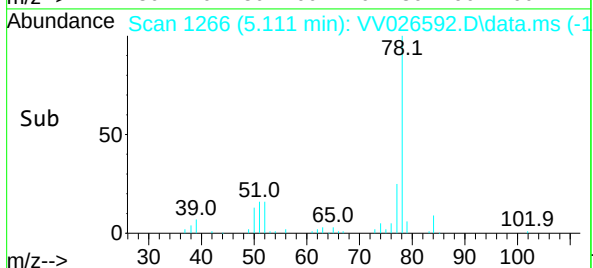
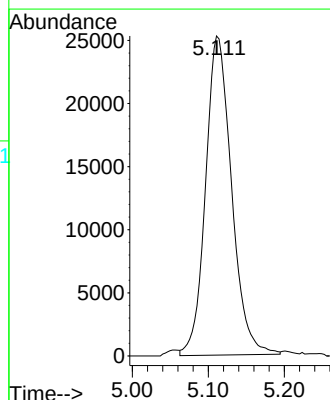
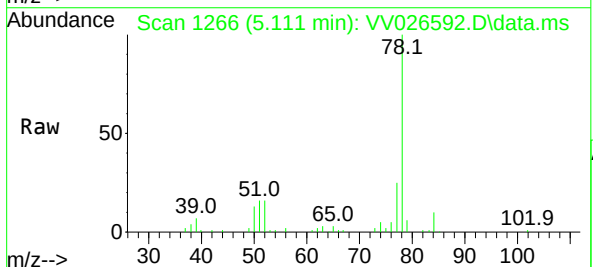
Instrument :
MSVOA_V
ClientSampleId :
VSTD010226

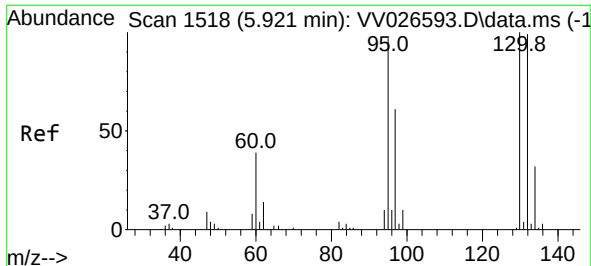
Tgt Ion:117 Resp: 20612
Ion Ratio Lower Upper
117 100
119 96.1 76.9 115.3



#33
Benzene
Concen: 6.256 ug/L
RT: 5.111 min Scan# 1266
Delta R.T. 0.003 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

Tgt Ion: 78 Resp: 60100



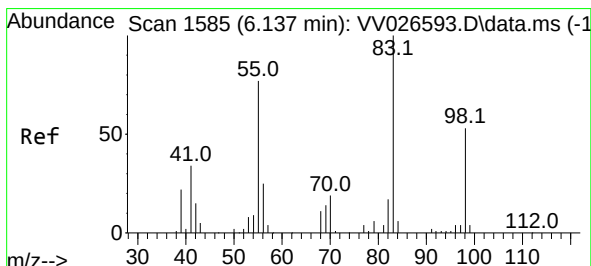
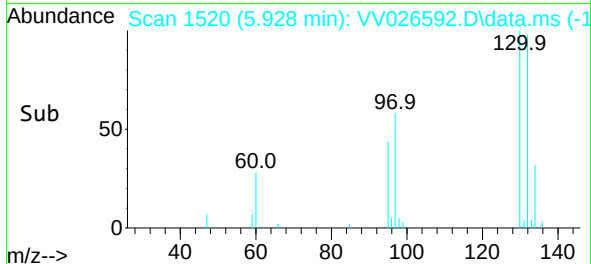
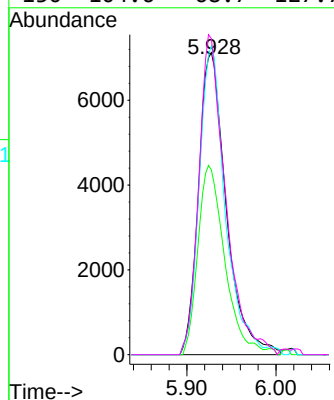
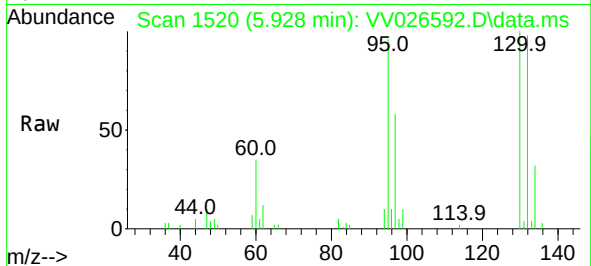


#34
Trichloroethene
Concen: 6.198 ug/L
RT: 5.928 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

Instrument :
MSVOA_V
ClientSampleId :
VSTD010226

Tgt Ion: 95 Resp: 15400

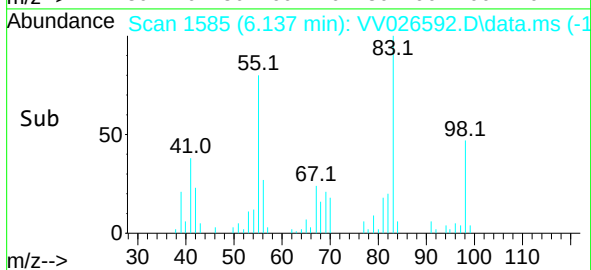
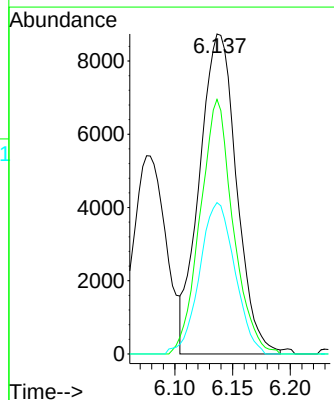
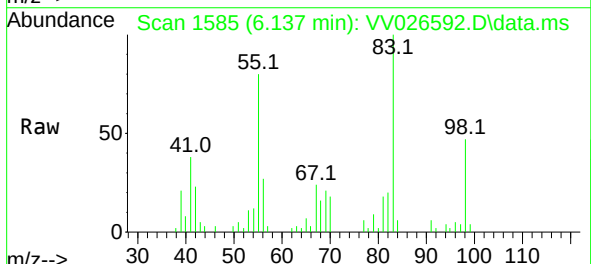
Ion	Ratio	Lower	Upper
95	100		
97	61.1	44.2	82.0
132	102.2	67.7	125.7
130	104.6	68.7	127.7

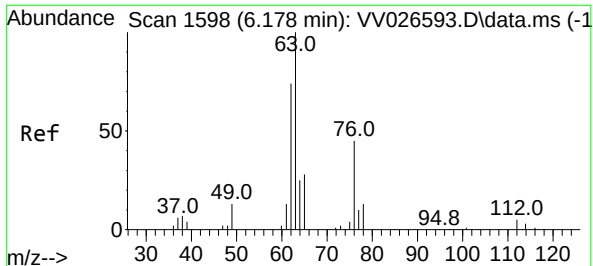


#35
Methylcyclohexane
Concen: 5.244 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

Tgt Ion: 83 Resp: 19548

Ion	Ratio	Lower	Upper
83	100		
55	70.5	58.6	87.8
98	44.8	39.1	58.7





#37

1,2-Dichloropropane

Concen: 5.950 ug/L

RT: 6.182 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026592.D

Acq: 29 Jun 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

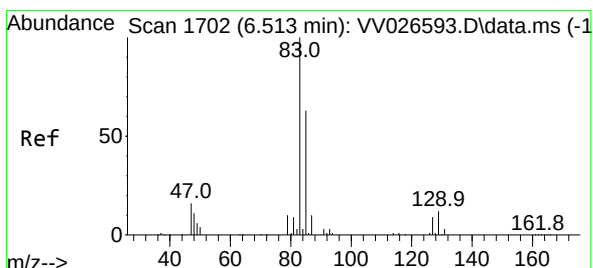
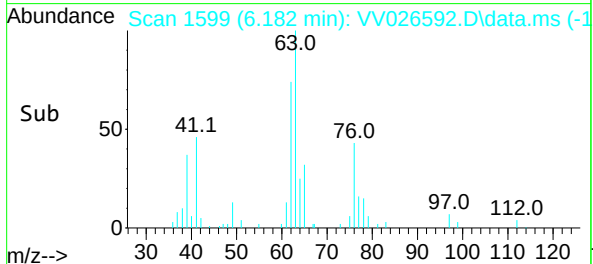
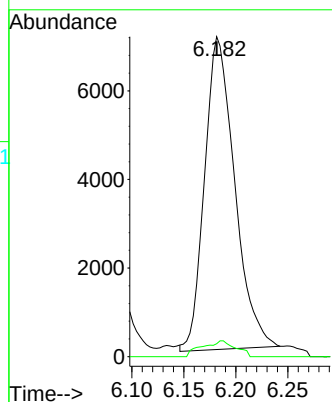
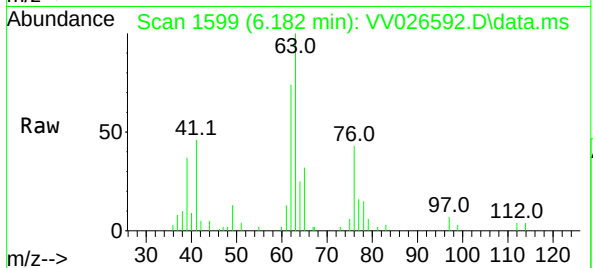
VSTD010226

Tgt Ion: 63 Resp: 14232

Ion Ratio Lower Upper

63 100

112 3.3 3.8 5.6#



#38

Bromodichloromethane

Concen: 6.155 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.003 min

Lab File: VV026592.D

Acq: 29 Jun 2022 11:25

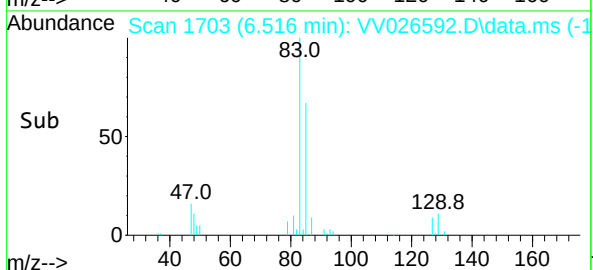
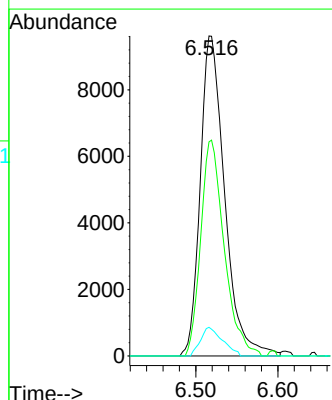
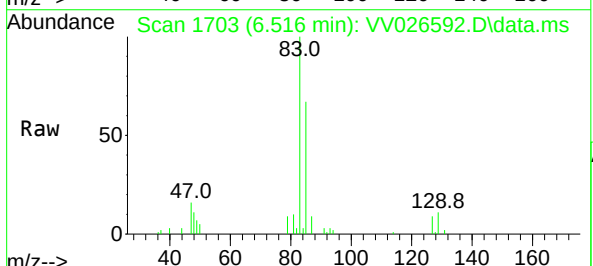
Tgt Ion: 83 Resp: 19891

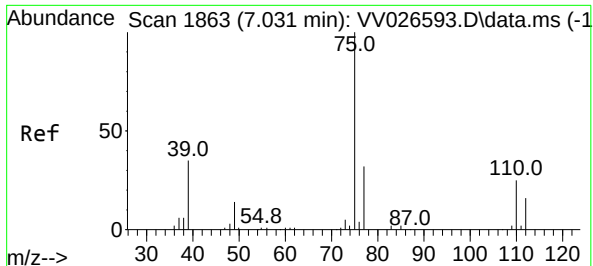
Ion Ratio Lower Upper

83 100

85 66.9 46.0 85.4

127 9.0 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 4.851 ug/L

RT: 7.037 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV026592.D

Acq: 29 Jun 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

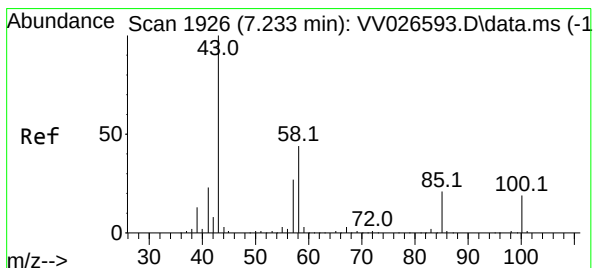
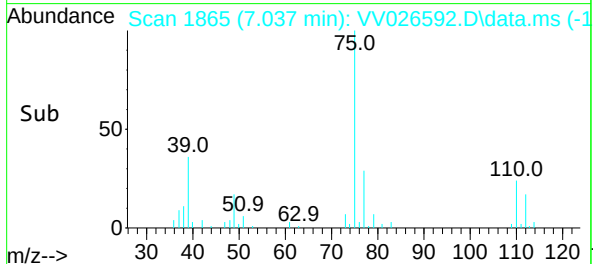
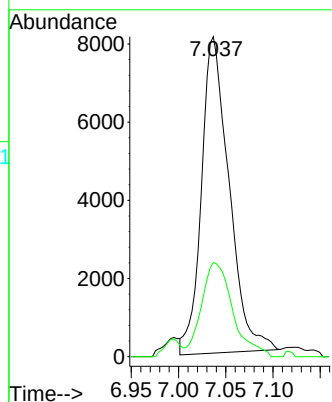
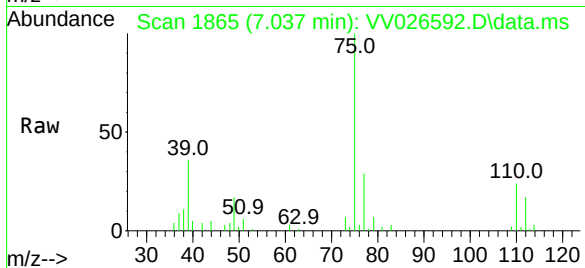
VSTD010226

Tgt Ion: 75 Resp: 16474

Ion Ratio Lower Upper

75 100

77 29.4 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 8.957 ug/L

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV026592.D

Acq: 29 Jun 2022 11:25

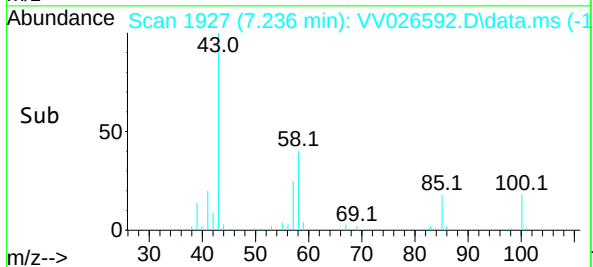
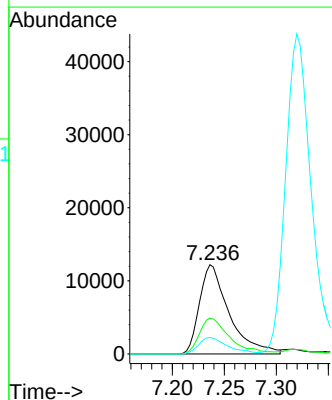
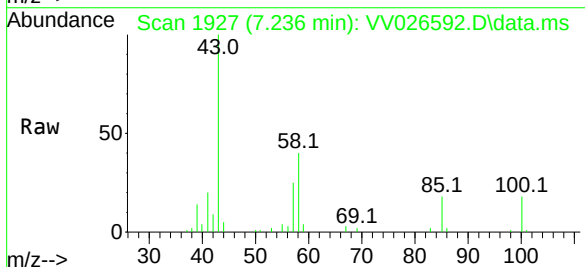
Tgt Ion: 43 Resp: 24216

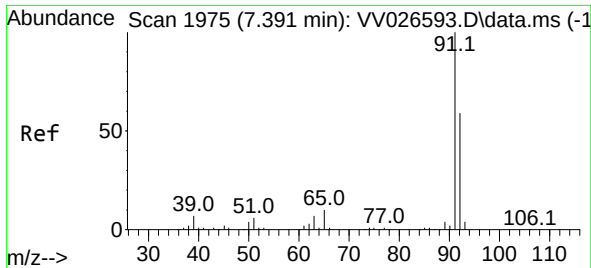
Ion Ratio Lower Upper

43 100

58 38.5 32.9 49.3

100 18.0 13.7 20.5





#42

Toluene

Concen: 5.666 ug/L

RT: 7.394 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV026592.D

Acq: 29 Jun 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

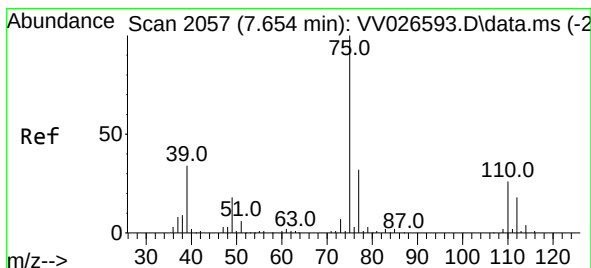
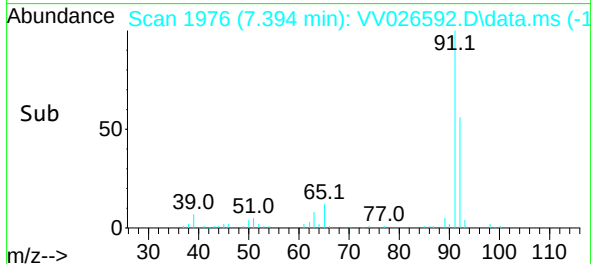
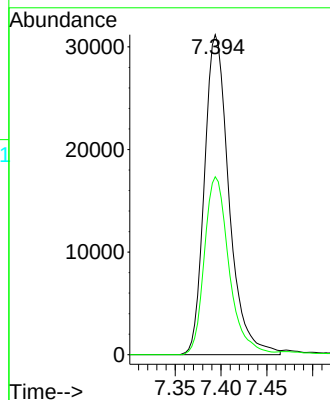
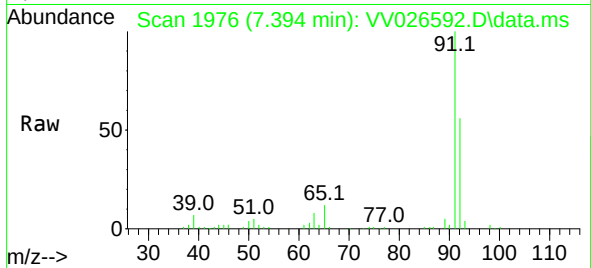
VSTD010226

Tgt Ion: 91 Resp: 58167

Ion Ratio Lower Upper

91 100

92 55.6 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.920 ug/L

RT: 7.661 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VV026592.D

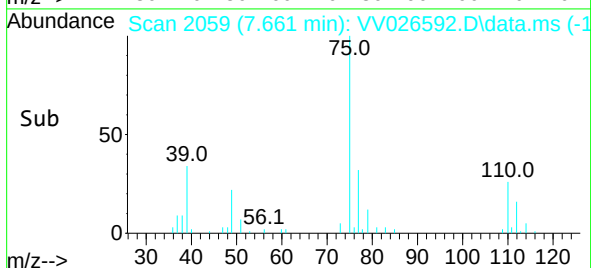
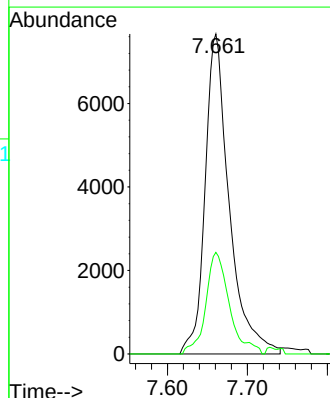
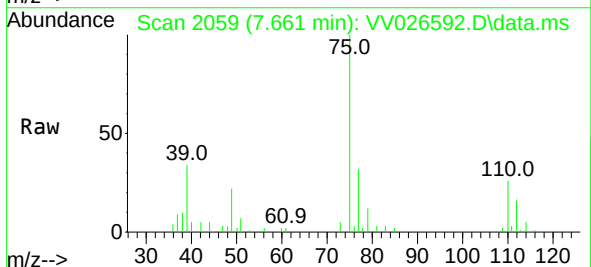
Acq: 29 Jun 2022 11:25

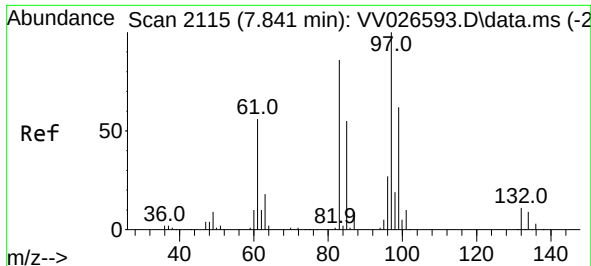
Tgt Ion: 75 Resp: 16074

Ion Ratio Lower Upper

75 100

77 31.8 21.8 40.4

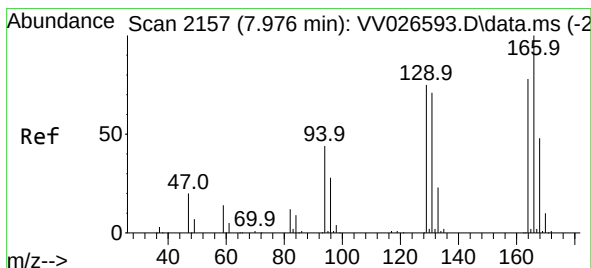
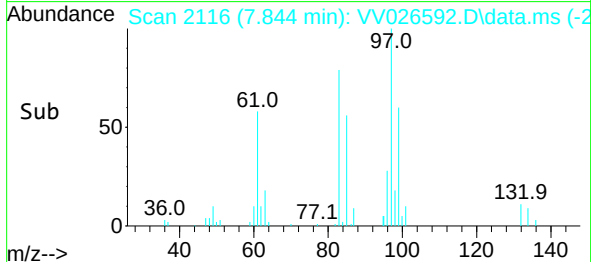
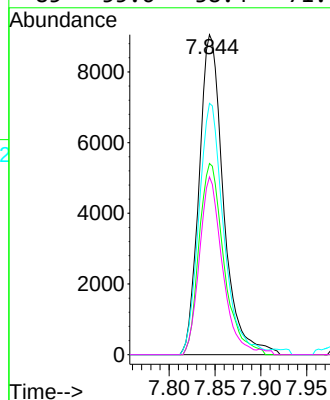
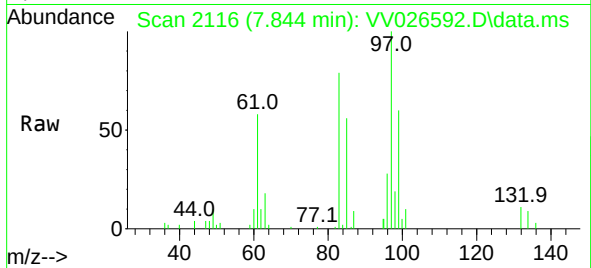




#45
1,1,2-Trichloroethane
Concen: 6.828 ug/L
RT: 7.844 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

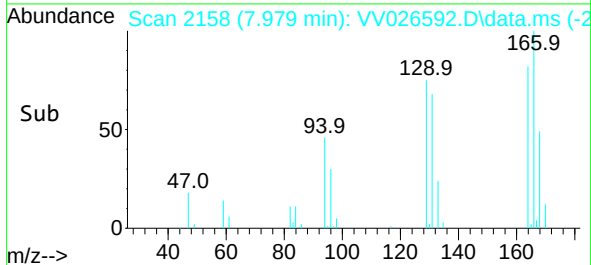
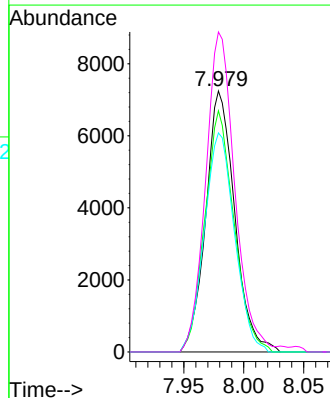
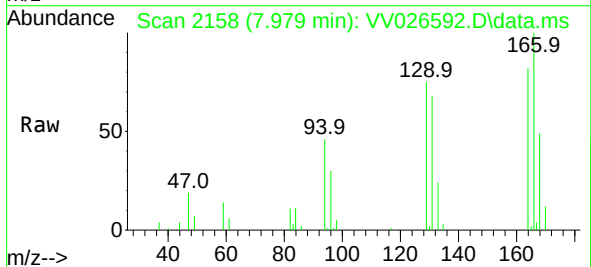
Instrument :
MSVOA_V
ClientSampleId :
VSTD010226

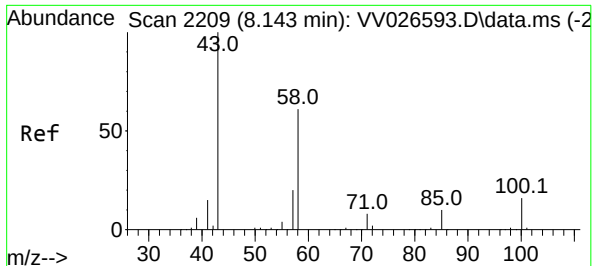
Tgt Ion:	97	Resp:	16747
Ion	Ratio	Lower	Upper
97	100		
99	59.7	42.6	79.0
83	78.5	59.7	110.9
85	55.6	38.4	71.4



#46
Tetrachloroethene
Concen: 6.541 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

Tgt Ion:	164	Resp:	12157
Ion	Ratio	Lower	Upper
164	100		
129	92.4	66.8	124.2
131	83.9	66.7	123.9
166	122.6	86.5	160.7





#48

2-Hexanone

Concen: 8.224 ug/L

RT: 8.149 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV026592.D

Acq: 29 Jun 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD010226

Tgt Ion: 43 Resp: 17350

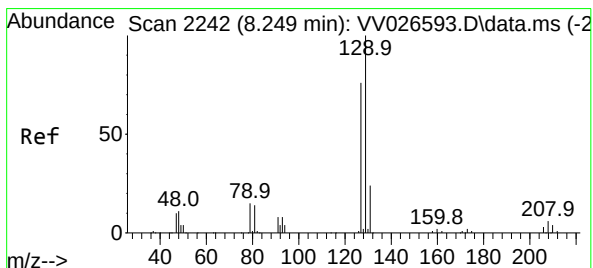
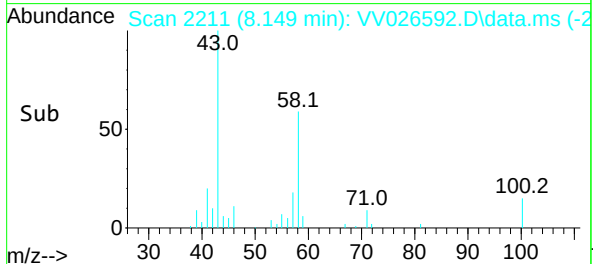
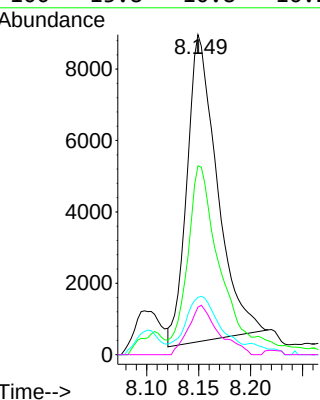
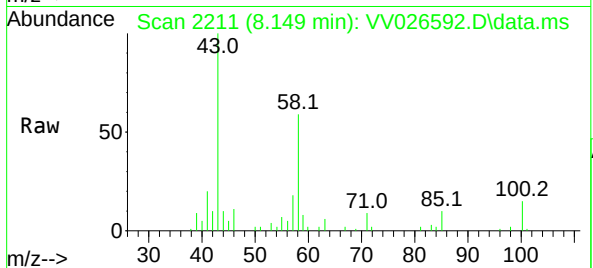
Ion Ratio Lower Upper

43 100

58 56.0 45.9 68.9

57 17.2 15.4 23.2

100 13.8 10.8 16.2



#49

Dibromochloromethane

Concen: 5.967 ug/L

RT: 8.249 min Scan# 2242

Delta R.T. -0.000 min

Lab File: VV026592.D

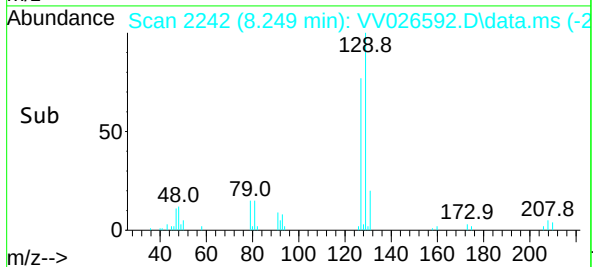
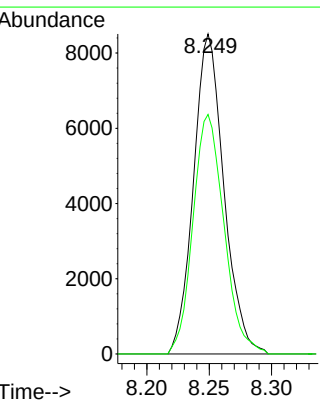
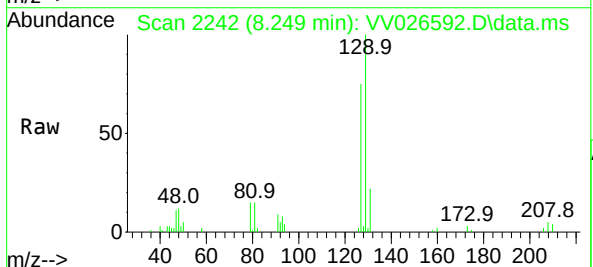
Acq: 29 Jun 2022 11:25

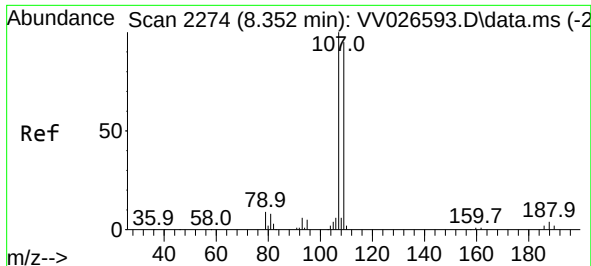
Tgt Ion: 129 Resp: 14425

Ion Ratio Lower Upper

129 100

127 74.9 53.5 99.5





#50

1,2-Dibromoethane

Concen: 6.436 ug/L

RT: 8.358 min Scan# 21

Delta R.T. 0.006 min

Lab File: VV026592.D

Acq: 29 Jun 2022 11:25

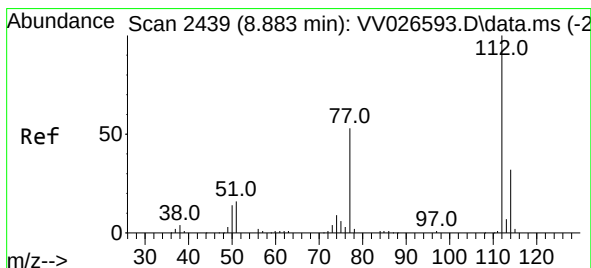
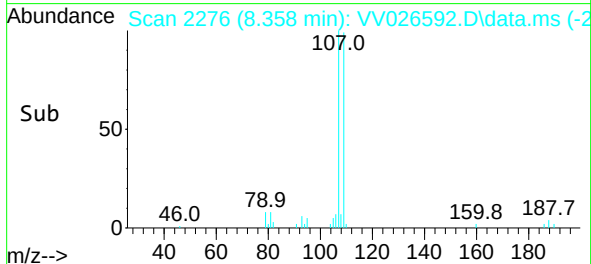
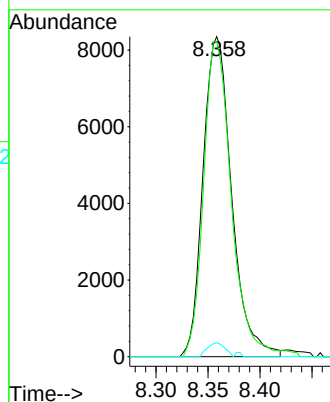
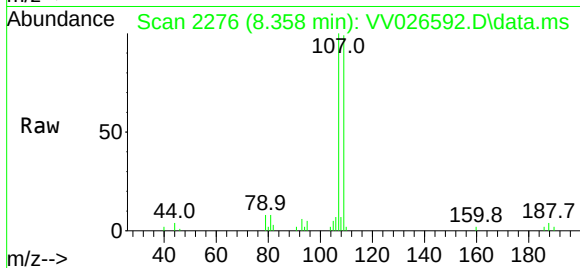
Instrument :

MSVOA_V

ClientSampleId :

VSTD010226

Tgt Ion:	107	Resp:	16026
Ion	Ratio	Lower	Upper
107	100		
109	98.6	64.1	119.1
188	4.4	2.6	3.8



#51

Chlorobenzene

Concen: 6.280 ug/L

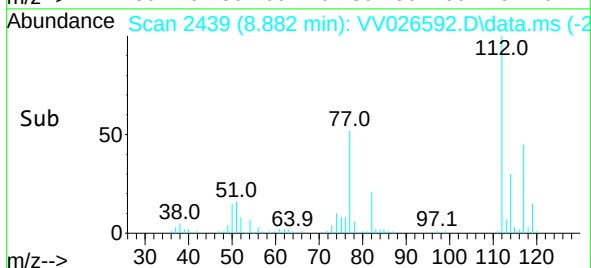
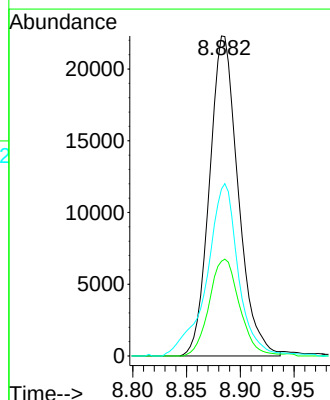
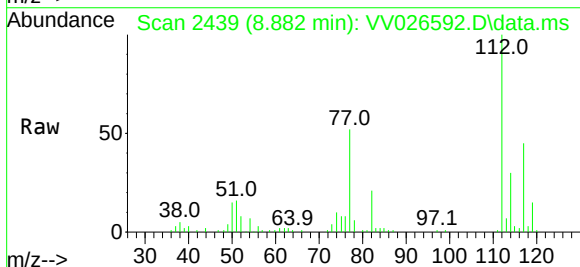
RT: 8.882 min Scan# 2439

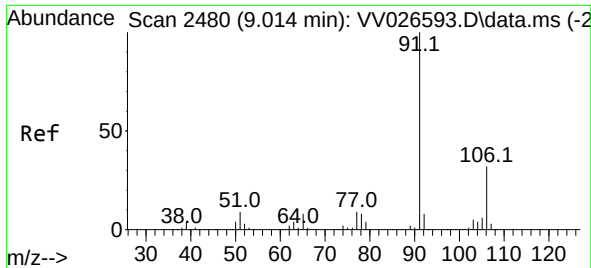
Delta R.T. -0.000 min

Lab File: VV026592.D

Acq: 29 Jun 2022 11:25

Tgt Ion:	112	Resp:	41327
Ion	Ratio	Lower	Upper
112	100		
114	29.6	22.0	40.8
77	52.2	45.3	67.9





#52

Ethylbenzene

Concen: 4.888 ug/L

RT: 9.014 min Scan# 2480

Delta R.T. -0.000 min

Lab File: VV026592.D

Acq: 29 Jun 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

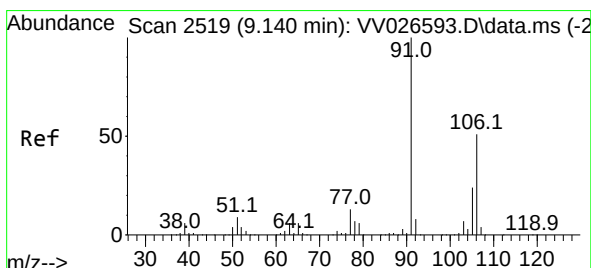
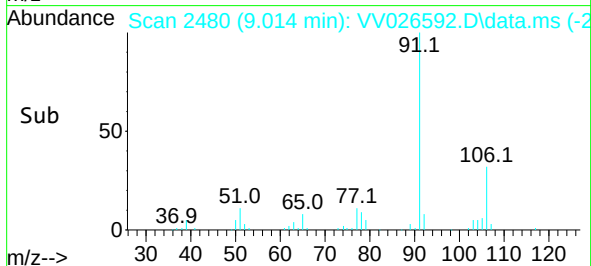
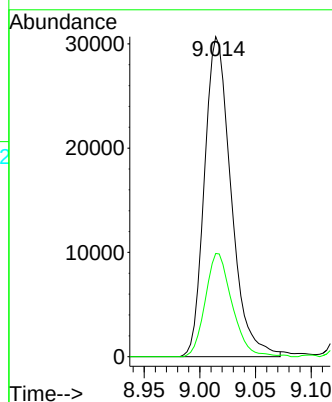
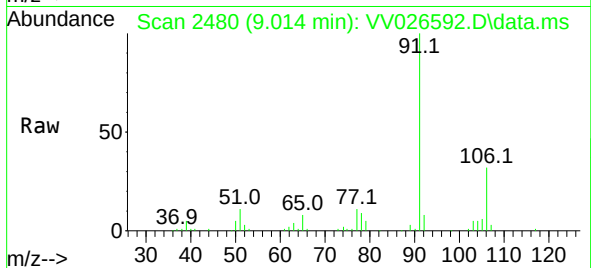
VSTD010226

Tgt Ion: 91 Resp: 51016

Ion Ratio Lower Upper

91 100

106 32.3 21.8 40.6



#53

m,p-Xylene

Concen: 4.769 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. -0.000 min

Lab File: VV026592.D

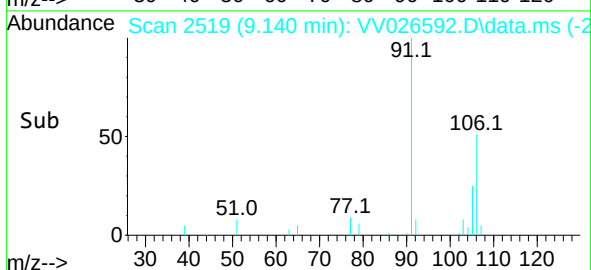
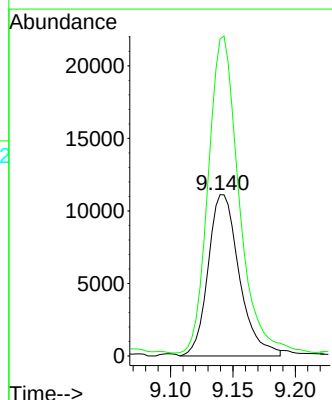
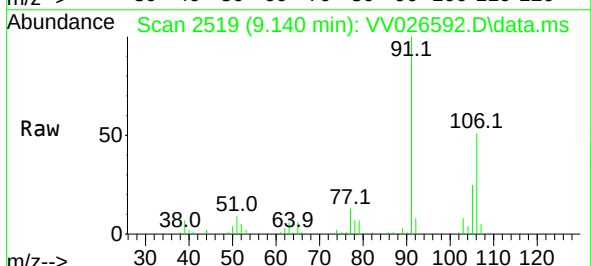
Acq: 29 Jun 2022 11:25

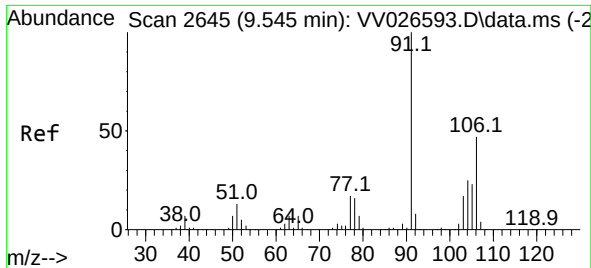
Tgt Ion: 106 Resp: 19397

Ion Ratio Lower Upper

106 100

91 196.5 142.0 263.6

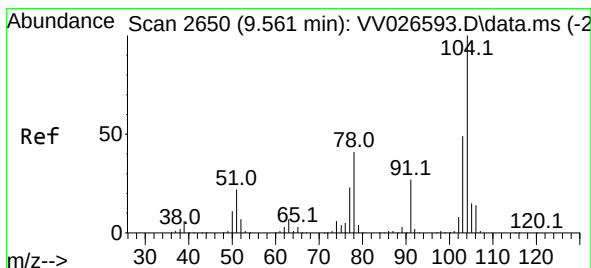
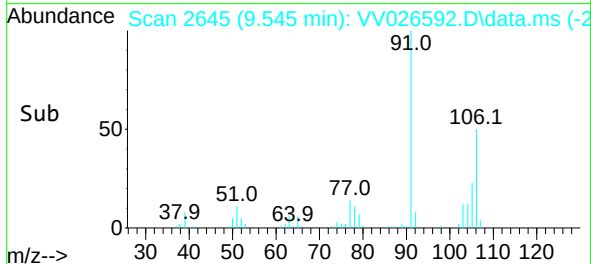
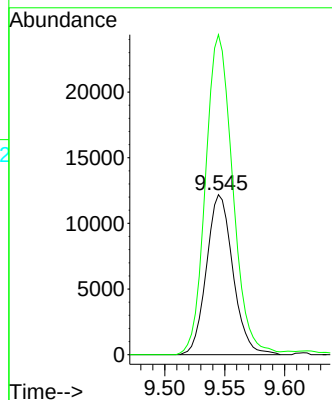
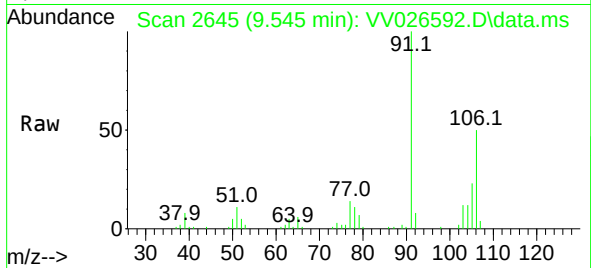




#54
o-Xylene
Concen: 4.693 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. -0.000 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

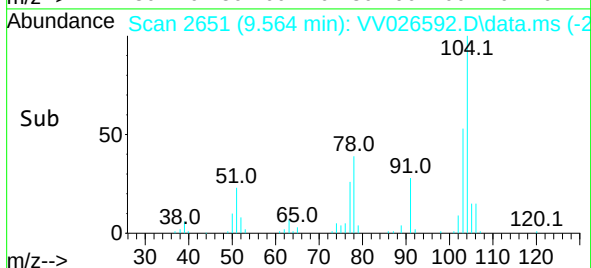
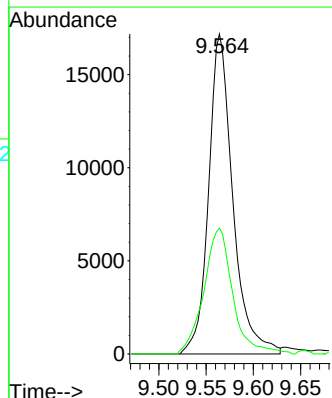
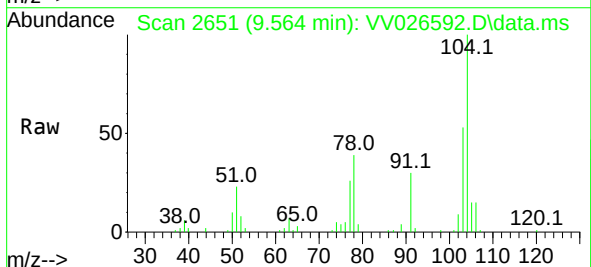
Instrument :
MSVOA_V
ClientSampleId :
VSTD010226

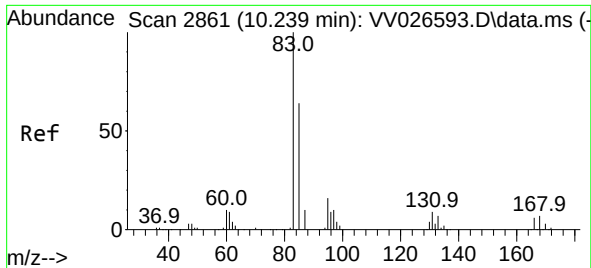
Tgt Ion:106 Resp: 18703
Ion Ratio Lower Upper
106 100
91 200.0 147.4 273.8



#55
Styrene
Concen: 4.410 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.003 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

Tgt Ion:104 Resp: 30621
Ion Ratio Lower Upper
104 100
78 39.3 29.8 55.3

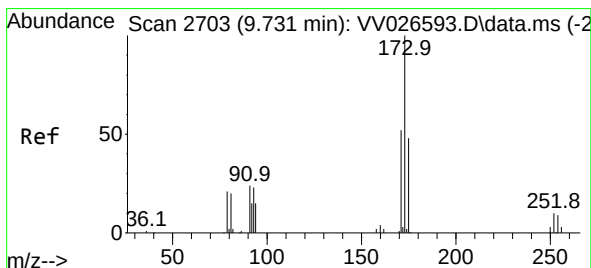
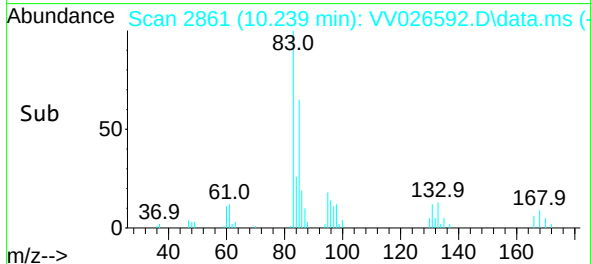
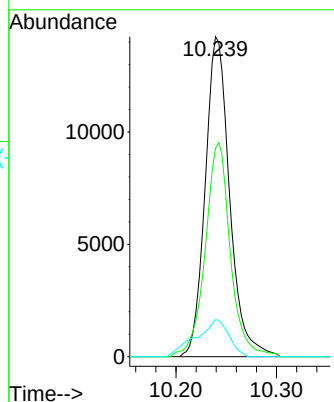
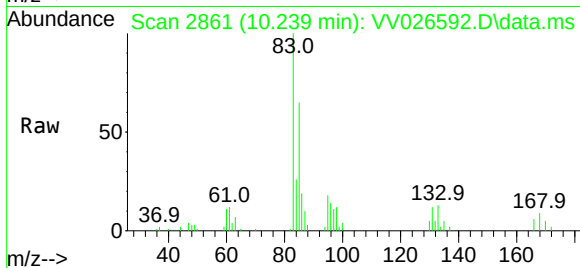




#57
 1,1,2,2-Tetrachloroethane
 Concen: 6.561 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV026592.D
 Acq: 29 Jun 2022 11:25

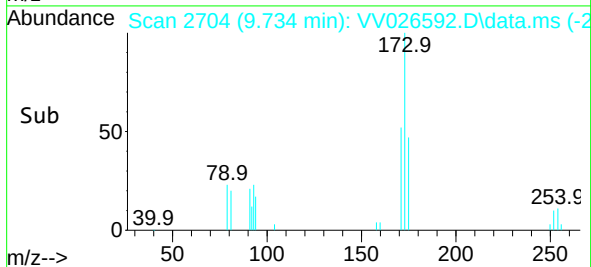
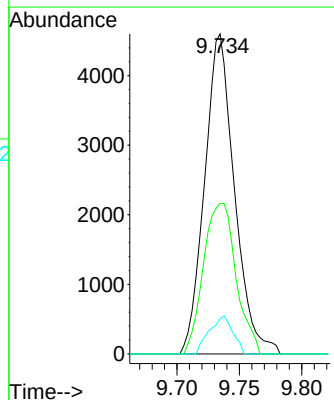
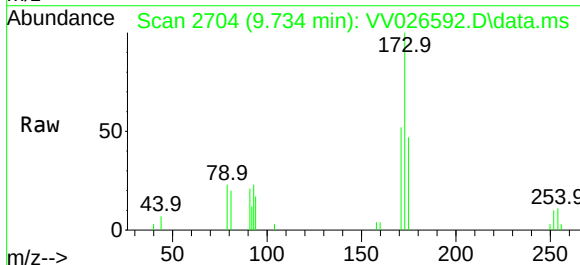
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010226

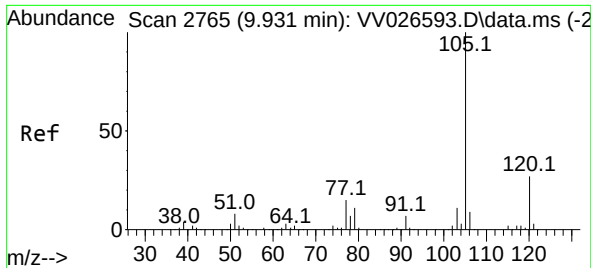
Tgt Ion: 83 Resp: 24057
 Ion Ratio Lower Upper
 83 100
 85 65.2 44.7 82.9
 131 11.5 7.5 11.3#



#59
 Bromoform
 Concen: 6.012 ug/L
 RT: 9.734 min Scan# 2704
 Delta R.T. 0.003 min
 Lab File: VV026592.D
 Acq: 29 Jun 2022 11:25

Tgt Ion: 173 Resp: 7682
 Ion Ratio Lower Upper
 173 100
 175 51.2 38.1 57.1
 254 9.3 7.0 10.6

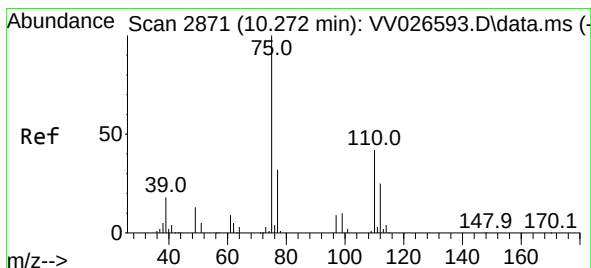
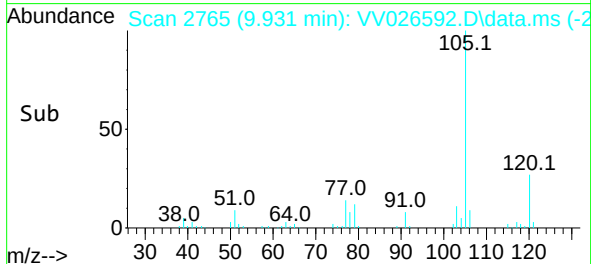
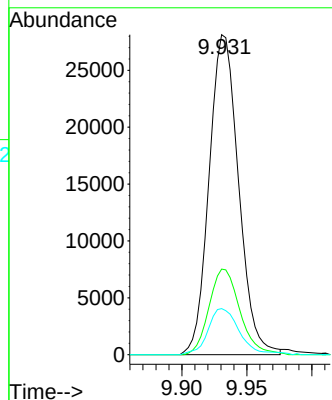
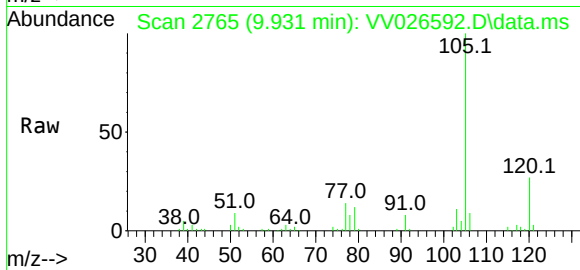




#60
Isopropylbenzene
Concen: 4.997 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

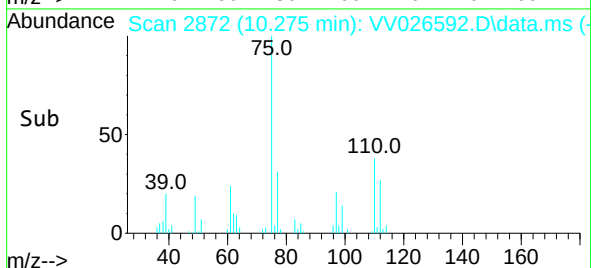
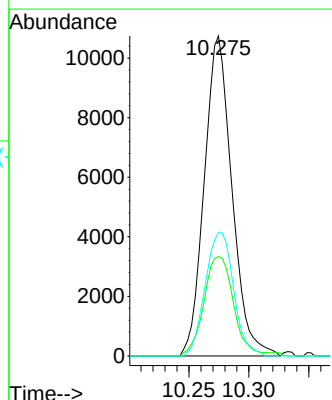
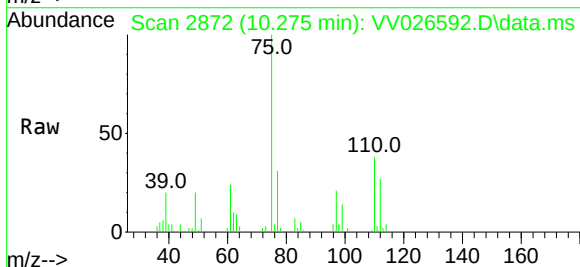
Instrument :
MSVOA_V
ClientSampleId :
VSTD010226

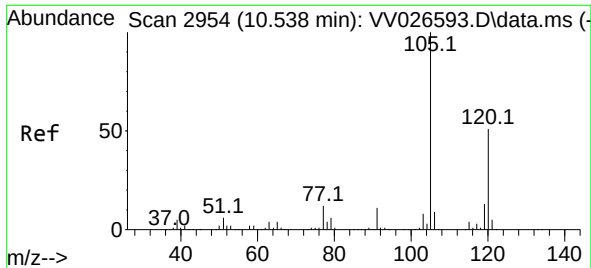
Tgt Ion:105 Resp: 44411
Ion Ratio Lower Upper
105 100
120 27.9 21.0 31.6
77 15.4 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 6.545 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. 0.003 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

Tgt Ion: 75 Resp: 17226
Ion Ratio Lower Upper
75 100
77 33.2 25.3 37.9
110 39.5 32.3 48.5

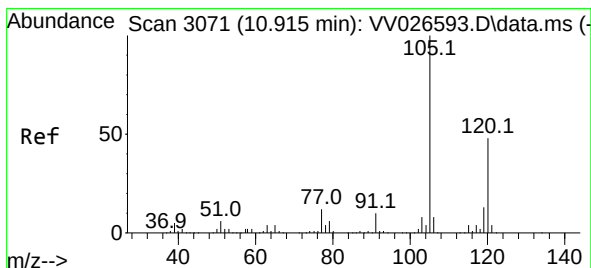
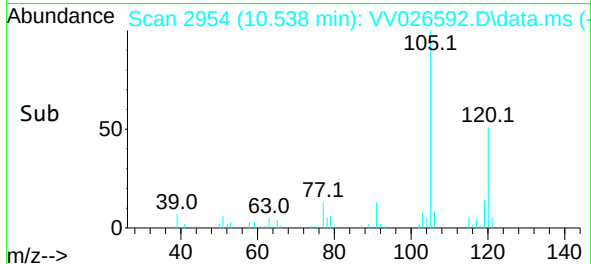
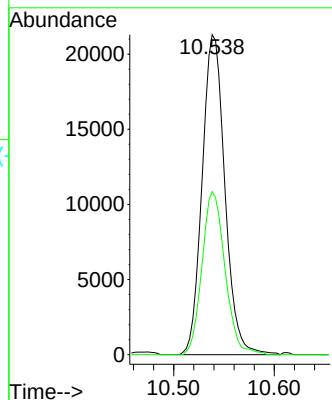
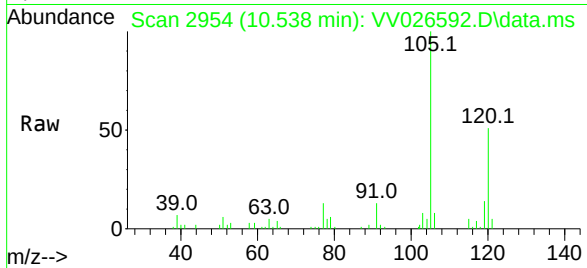




#62
 1,3,5-Trimethylbenzene
 Concen: 6.797 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV026592.D
 Acq: 29 Jun 2022 11:25

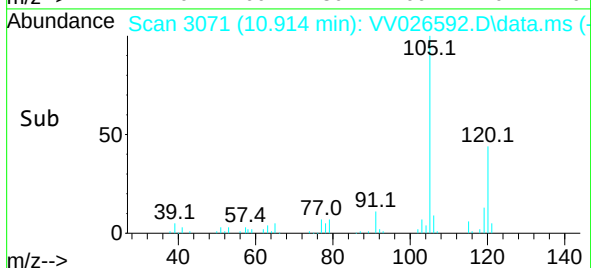
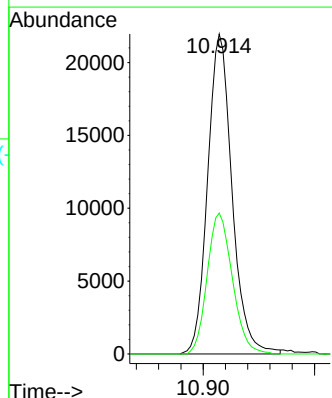
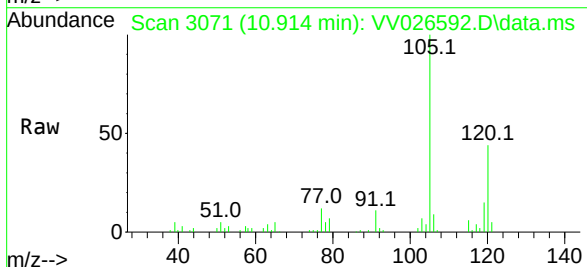
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010226

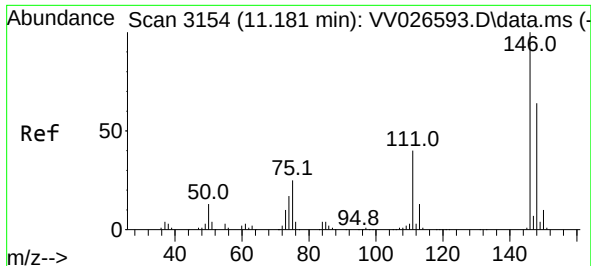
Tgt Ion:105 Resp: 33425
 Ion Ratio Lower Upper
 105 100
 120 51.5 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 4.725 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV026592.D
 Acq: 29 Jun 2022 11:25

Tgt Ion:105 Resp: 33421
 Ion Ratio Lower Upper
 105 100
 120 45.4 36.6 55.0

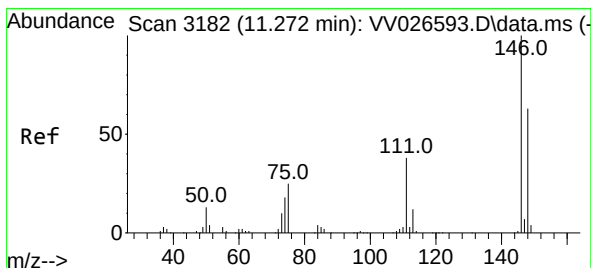
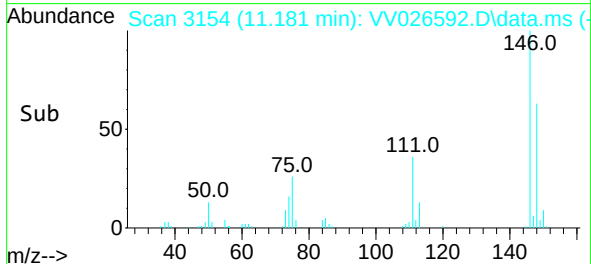
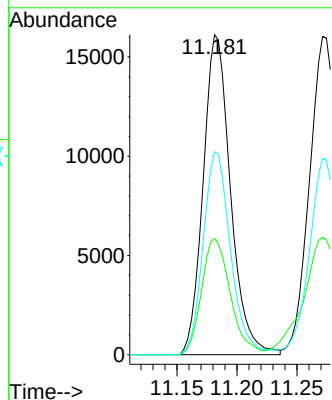
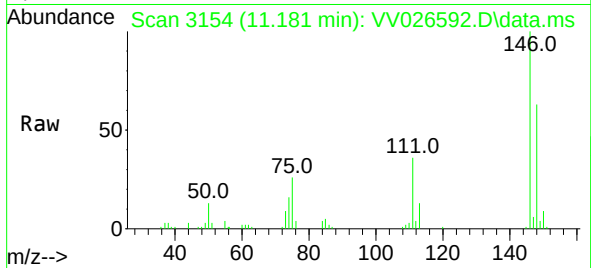




#64
1,3-Dichlorobenzene
Concen: 5.990 ug/L
RT: 11.181 min Scan# 3154
Delta R.T. -0.000 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

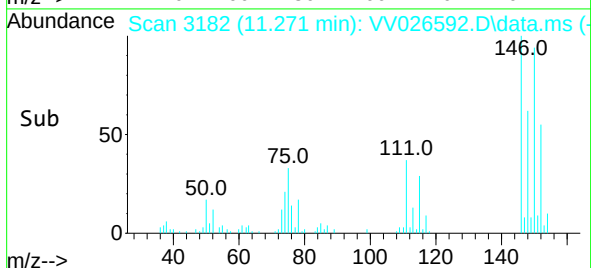
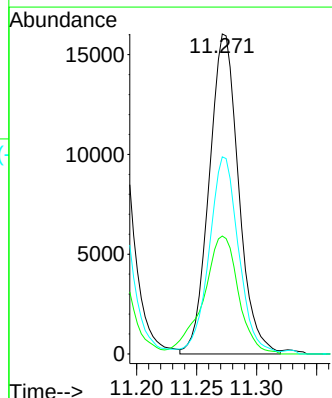
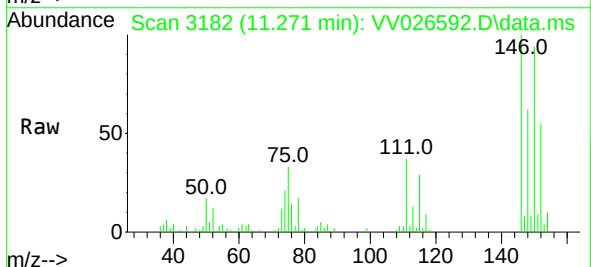
Instrument :
MSVOA_V
ClientSampleId :
VSTD010226

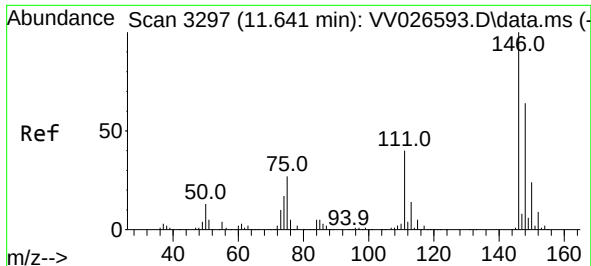
Tgt Ion:146 Resp: 25615
Ion Ratio Lower Upper
146 100
111 36.3 28.1 52.1
148 63.5 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 6.124 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

Tgt Ion:146 Resp: 27372
Ion Ratio Lower Upper
146 100
111 36.9 26.7 49.7
148 61.6 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 6.036 ug/L

RT: 11.644 min Scan# 3297

Delta R.T. 0.003 min

Lab File: VV026592.D

Acq: 29 Jun 2022 11:25

Instrument :

MSVOA_V

ClientSampleId :

VSTD010226

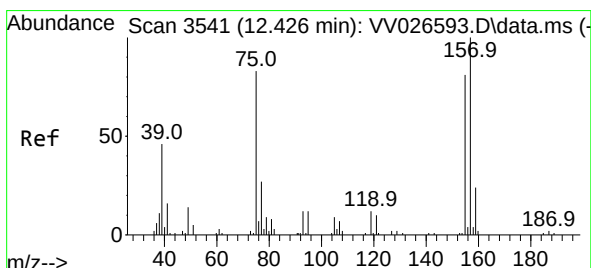
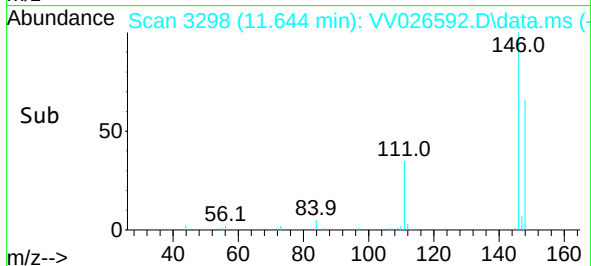
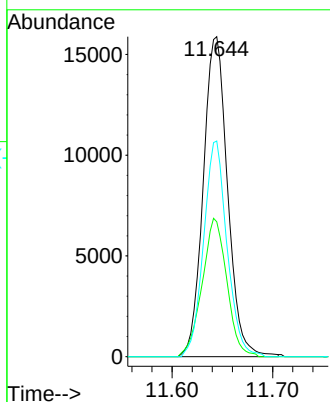
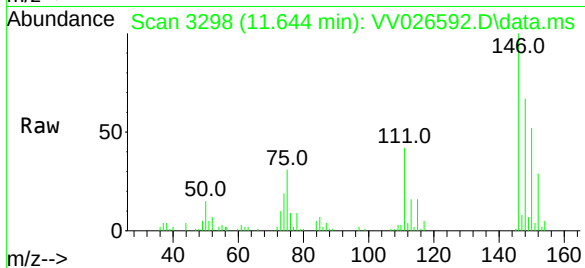
Tgt Ion:146 Resp: 26715

Ion Ratio Lower Upper

146 100

111 42.2 33.7 50.5

148 67.4 51.4 77.2



#68

1,2-Dibromo-3-chloropropane

Concen: 5.431 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. -0.000 min

Lab File: VV026592.D

Acq: 29 Jun 2022 11:25

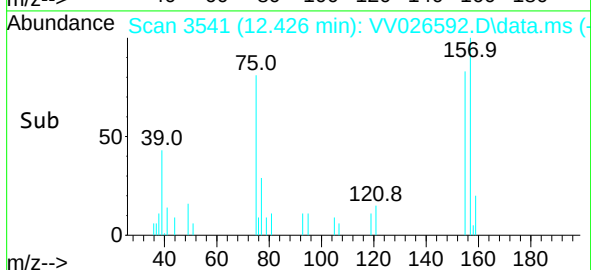
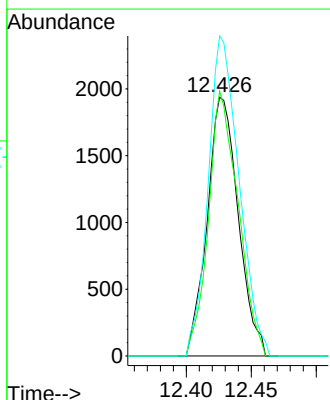
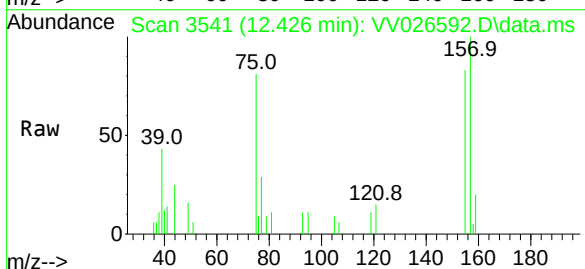
Tgt Ion: 75 Resp: 3216

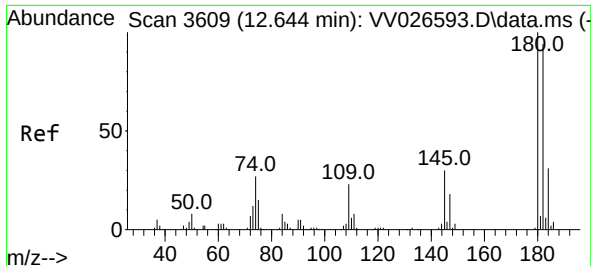
Ion Ratio Lower Upper

75 100

155 102.3 66.8 100.2#

157 123.7 82.5 123.7

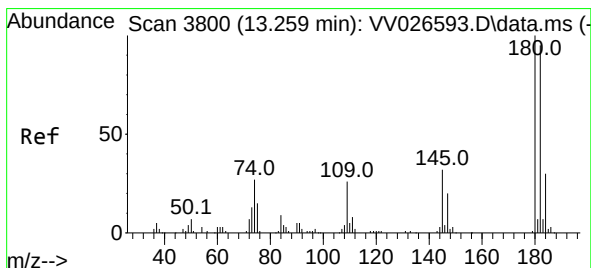
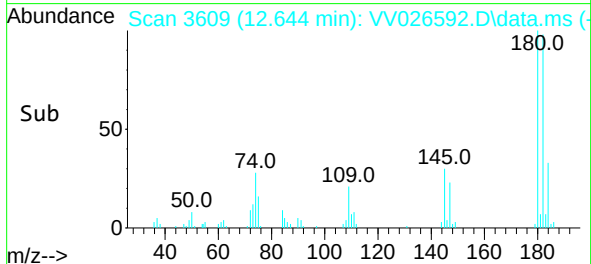
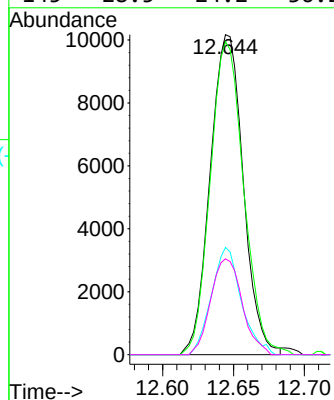
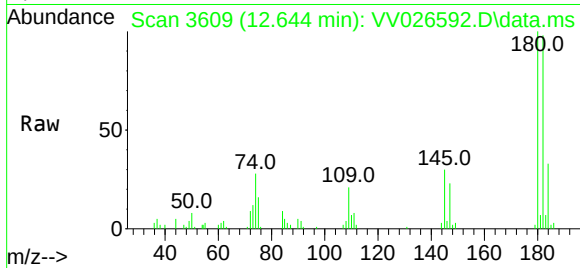




#69
 1,3,5-Trichlorobenzene
 Concen: 5.633 ug/L
 RT: 12.644 min Scan# 3609
 Delta R.T. -0.000 min
 Lab File: VV026592.D
 Acq: 29 Jun 2022 11:25

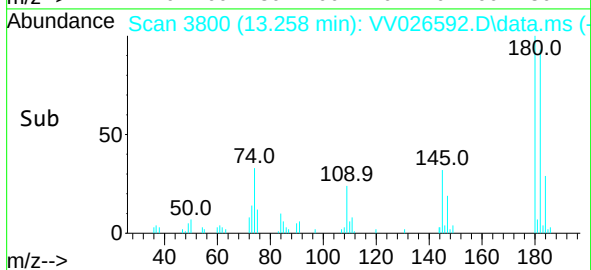
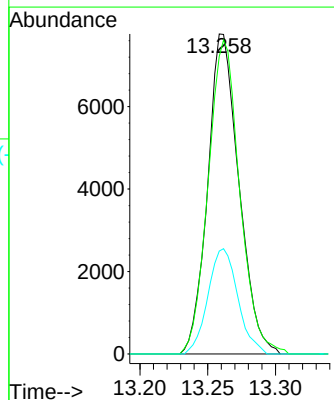
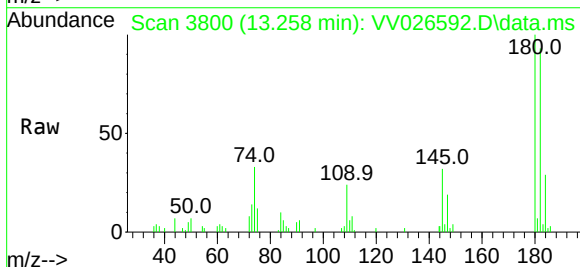
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010226

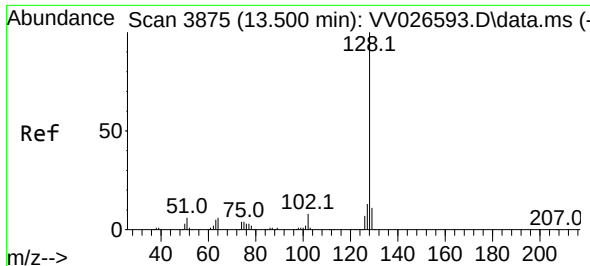
Tgt Ion:180	Resp:	16488
Ion Ratio	Lower	Upper
180	100	
182	98.7	75.1 112.7
184	30.4	23.6 35.4
145	28.5	24.2 36.2



#70
 1,2,4-trichlorobenzene
 Concen: 5.043 ug/L
 RT: 13.258 min Scan# 3800
 Delta R.T. -0.000 min
 Lab File: VV026592.D
 Acq: 29 Jun 2022 11:25

Tgt Ion:180	Resp:	12436
Ion Ratio	Lower	Upper
180	100	
182	99.1	74.8 112.2
145	31.5	24.8 37.2

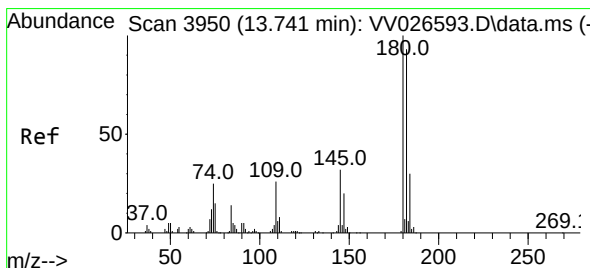
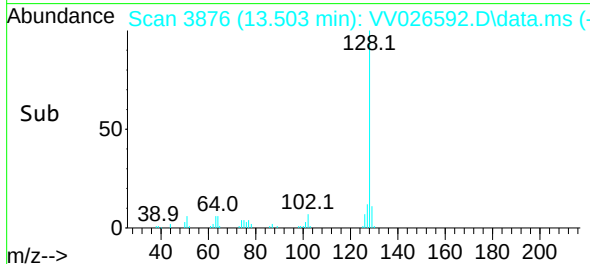
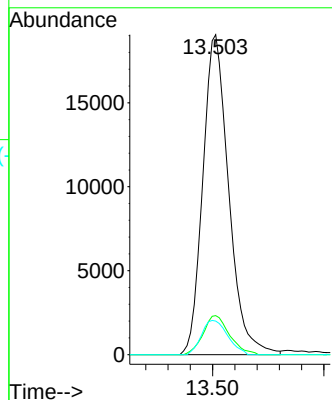
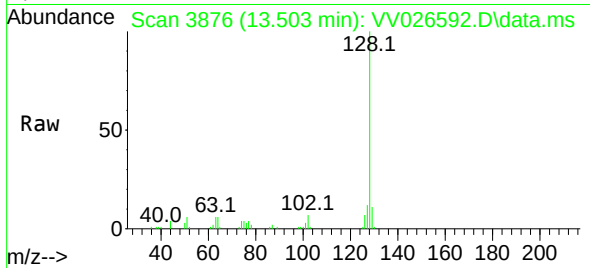




#71
Naphthalene
Concen: 4.312 ug/L
RT: 13.503 min Scan# 3875
Delta R.T. 0.003 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

Instrument :
MSVOA_V
ClientSampleId :
VSTD010226

Tgt Ion:	128	Resp:	30777
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.4	15.6
129	10.9	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 4.839 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.003 min
Lab File: VV026592.D
Acq: 29 Jun 2022 11:25

Tgt Ion:	180	Resp:	12164
Ion Ratio	Lower	Upper	
180	100		
182	95.1	75.8	113.8
145	33.5	26.3	39.5

