

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061222\
 Data File : VW026174.D
 Acq On : 12 Jun 2022 19:56
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 13 02:48:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 02:42:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	167267	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	155914	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74235	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	113851	5.205	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.000%
7) Chloroethane-d5	1.581	69	90425	5.248	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.000%
11) 1,1-Dichloroethene-d2	2.121	63	179510	5.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.000%
20) 2-Butanone-d5	3.912	46	93846	57.507	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.020%
24) Chloroform-d	4.362	84	167203	5.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	5.043	65	67959	5.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.060	84	346645	5.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.000%
36) 1,2-Dichloropropane-d6	6.076	67	96427	5.501	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.000%
41) Toluene-d8	7.317	98	314543	5.812	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.200%
43) trans-1,3-Dichloroprop...	7.625	79	30566	5.778	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.600%
46) 2-Hexanone-d5	8.092	63	102998	62.527	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.060%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	58223	5.575	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	95409	5.734	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	70460	4.583	ug/L	99
3) Chloromethane	1.256	50	80160	4.803	ug/L	99
5) Vinyl chloride	1.323	62	85261	4.879	ug/L	99
6) Bromomethane	1.536	94	48533	4.752	ug/L	98
8) Chloroethane	1.600	64	52761	4.839	ug/L	99
9) Trichlorofluoromethane	1.767	101	107893	4.584	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	60982	4.559	ug/L	97
12) 1,1-Dichloroethene	2.134	96	59684	4.666	ug/L	91
13) Acetone	2.201	43	40042	42.976	ug/L	92
14) Carbon disulfide	2.307	76	157849	4.860	ug/L	100
15) Methyl Acetate	2.455	43	12327	4.530	ug/L #	83
16) Methylene chloride	2.519	84	62285	4.725	ug/L	99
17) Methyl tert-butyl Ether	2.783	73	105329	5.065	ug/L	100
18) trans-1,2-Dichloroethene	2.777	96	58621	4.780	ug/L	98
19) 1,1-Dichloroethane	3.204	63	114224	4.854	ug/L	98
21) 2-Butanone	4.005	43	60587	47.771	ug/L	86
22) cis-1,2-Dichloroethene	3.925	96	63779	5.170	ug/L	96
23) Bromochloromethane	4.262	128	25512	4.953	ug/L	96
25) Chloroform	4.388	83	118580	4.821	ug/L	97

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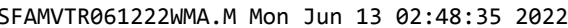
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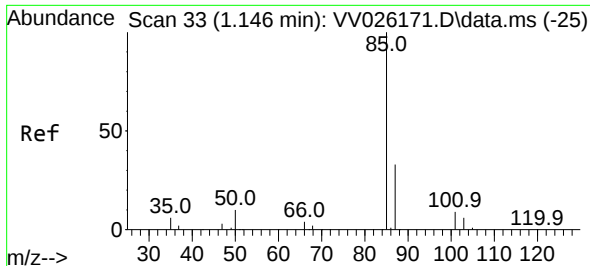
Quant Time: Jun 13 02:48:25 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.143	62	56303	4.925	ug/L	97
29) 1,1,1-Trichloroethane	4.619	97	99966	4.890	ug/L	98
30) Cyclohexane	4.690	56	78133	4.990	ug/L	100
31) Carbon tetrachloride	4.838	117	81549	4.936	ug/L	98
33) Benzene	5.108	78	251787	5.340	ug/L	100
34) Trichloroethene	5.921	95	63353	4.975	ug/L	98
35) Methylcyclohexane	6.137	83	82196	4.774	ug/L	99
37) 1,2-Dichloropropane	6.178	63	60332	4.939	ug/L	99
38) Bromodichloromethane	6.516	83	73896	5.079	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	76662	5.625	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	241141	55.164	ug/L	97
42) Toluene	7.391	91	264059	5.289	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	57513	5.365	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	40144	5.221	ug/L	97
47) Tetrachloroethene	7.979	164	44878	4.907	ug/L	99
48) 2-Hexanone	8.143	43	174439	56.194	ug/L	98
49) Dibromochloromethane	8.246	129	44473	5.299	ug/L	96
50) 1,2-Dibromoethane	8.355	107	34354	5.223	ug/L	100
51) Chlorobenzene	8.883	112	160620	5.004	ug/L	97
52) Ethylbenzene	9.011	91	255319	5.154	ug/L	98
53) m,p-Xylene	9.140	106	98765	5.209	ug/L	97
54) o-Xylene	9.545	106	96866	5.284	ug/L	96
55) Styrene	9.561	104	166355	5.504	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	40406	5.184	ug/L	96
59) Bromoform	9.731	173	18809	5.276	ug/L	99
60) Isopropylbenzene	9.931	105	252443	5.200	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	29250	5.137	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	191060	4.991	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	194261	5.156	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	118711	5.129	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	118168	5.146	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	105765	5.097	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	5013	5.016	ug/L #	84
69) 1,3,5-Trichlorobenzene	12.644	180	80916	4.974	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	59757	5.103	ug/L	98
71) Naphthalene	13.500	128	89123	5.444	ug/L	98
72) 1,2,3-Trichlorobenzene	13.741	180	50685	5.242	ug/L	94

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

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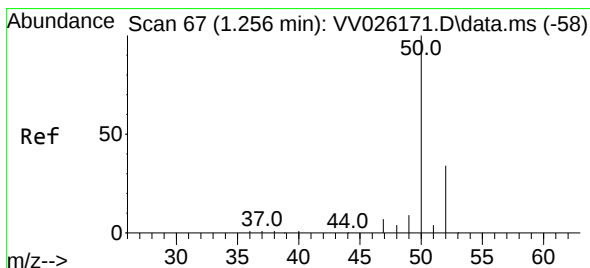
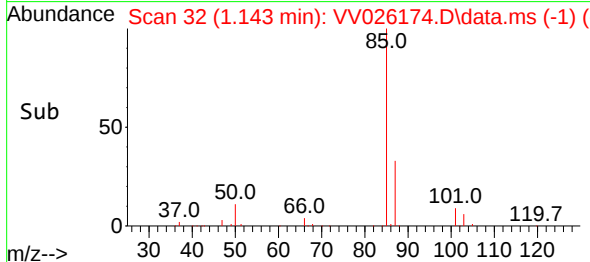
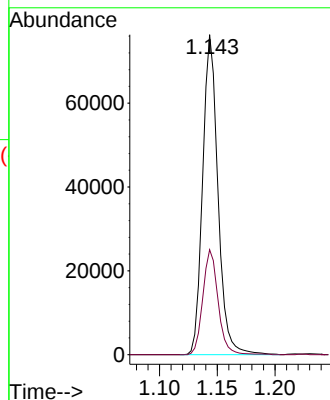
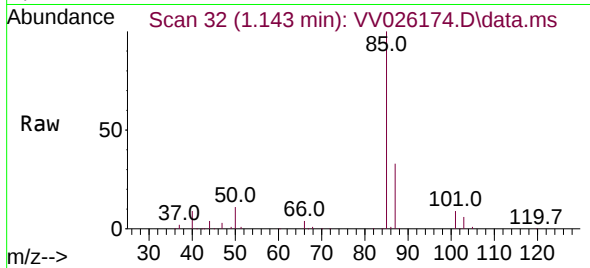




#2
 Dichlorodifluoromethane
 Concen: 4.583 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VV026174.D
 Acq: 12 Jun 2022 19:56

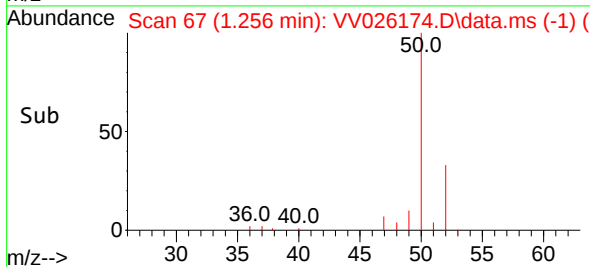
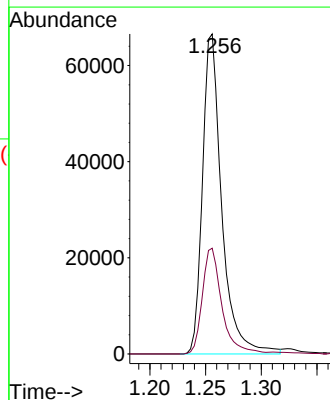
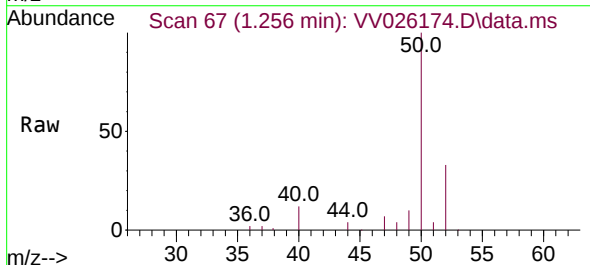
Instrument :
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 ClientSampleId :

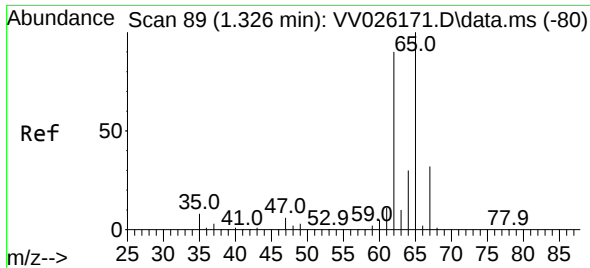
Tgt Ion: 85 Resp: 70460
 Ion Ratio Lower Upper
 85 100
 87 32.7 26.7 40.1



#3
 Chloromethane
 Concen: 4.803 ug/L
 RT: 1.256 min Scan# 67
 Delta R.T. 0.000 min
 Lab File: VV026174.D
 Acq: 12 Jun 2022 19:56

Tgt Ion: 50 Resp: 80160
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.6 43.8

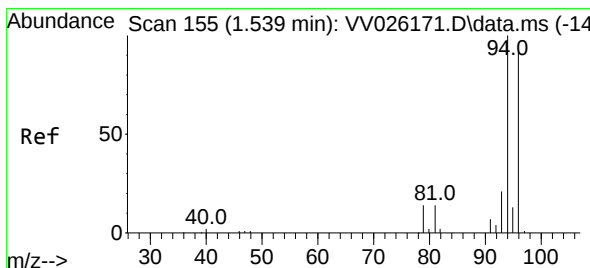
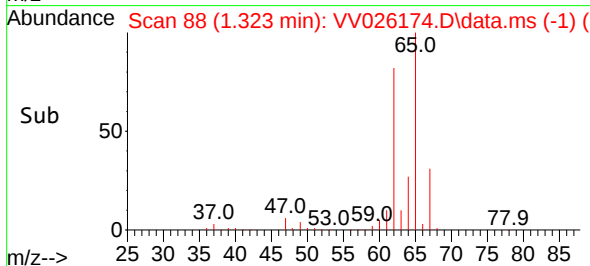
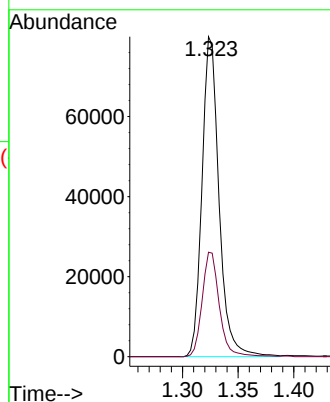
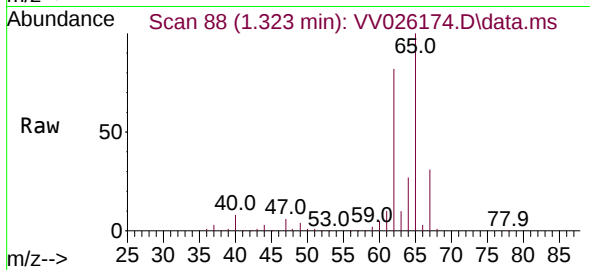




#5
 Vinyl chloride
 Concen: 4.879 ug/L
 RT: 1.323 min Scan# 89
 Delta R.T. -0.003 min
 Lab File: VV026174.D
 Acq: 12 Jun 2022 19:56

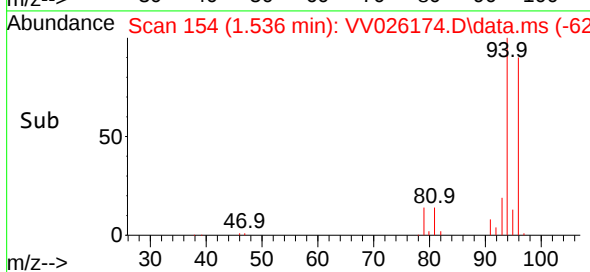
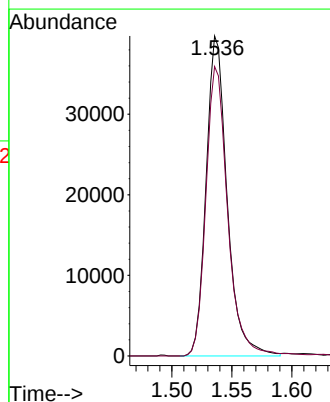
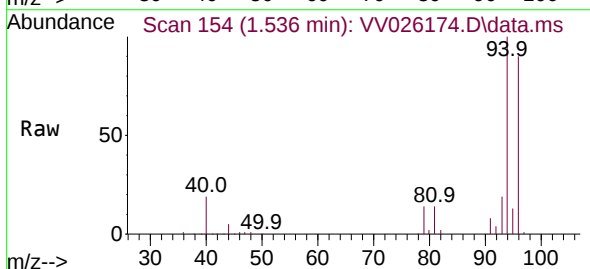
Instrument :
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 ClientSampleId :

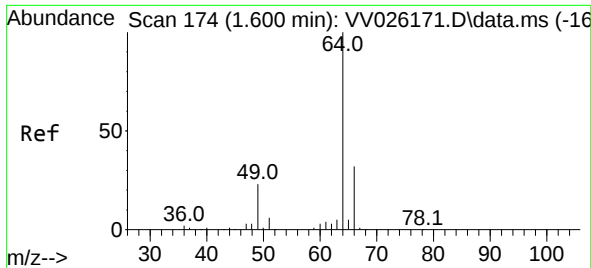
Tgt Ion: 62 Resp: 85261
 Ion Ratio Lower Upper
 62 100
 64 32.7 23.2 43.2



#6
 Bromomethane
 Concen: 4.752 ug/L
 RT: 1.536 min Scan# 154
 Delta R.T. -0.003 min
 Lab File: VV026174.D
 Acq: 12 Jun 2022 19:56

Tgt Ion: 94 Resp: 48533
 Ion Ratio Lower Upper
 94 100
 96 90.4 64.5 119.7

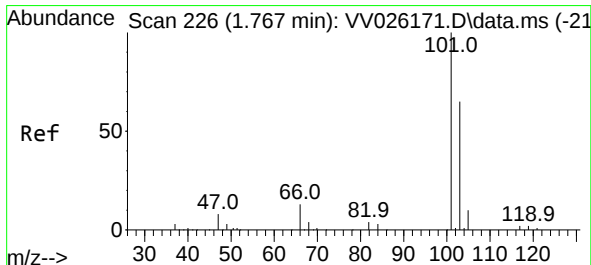
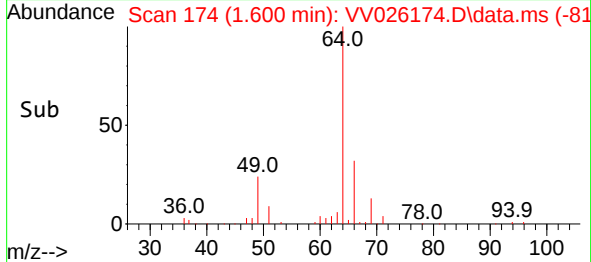
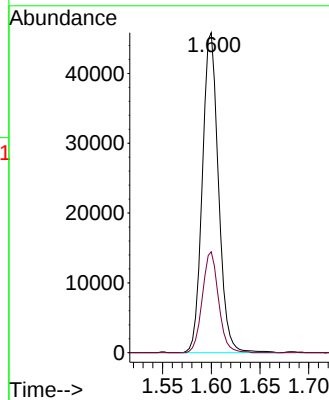
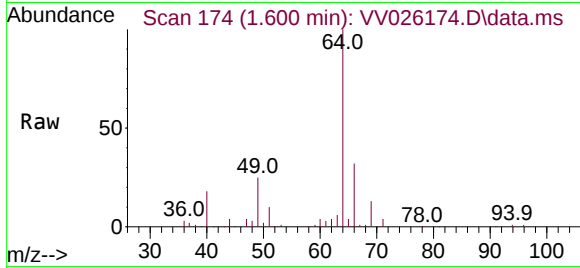




#8
Chloroethane
Concen: 4.839 ug/L
RT: 1.600 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026174.D
Acq: 12 Jun 2022 19:56

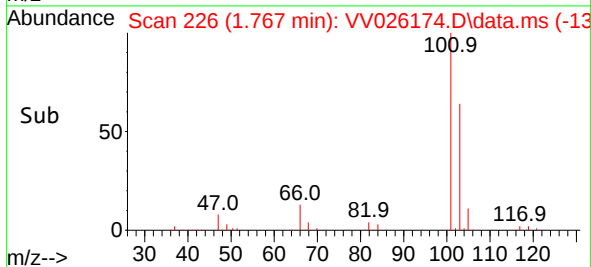
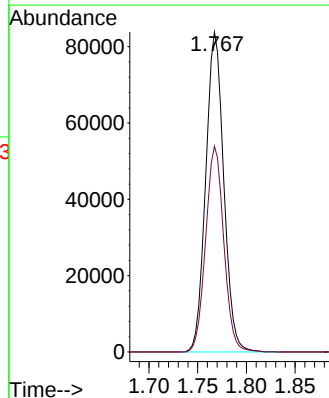
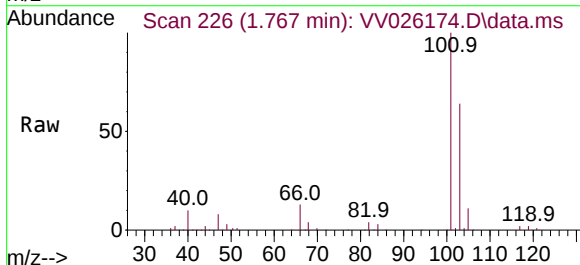
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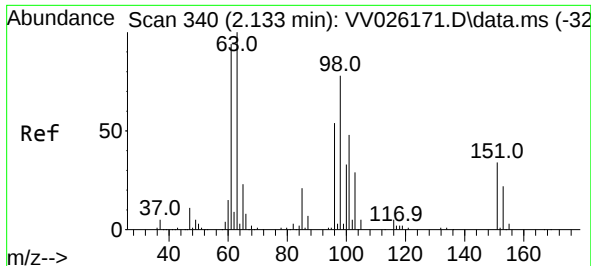
Tgt Ion: 64 Resp: 52761
Ion Ratio Lower Upper
64 100
66 31.6 22.4 41.6



#9
Trichlorofluoromethane
Concen: 4.584 ug/L
RT: 1.767 min Scan# 226
Delta R.T. 0.000 min
Lab File: VV026174.D
Acq: 12 Jun 2022 19:56

Tgt Ion:101 Resp: 107893
Ion Ratio Lower Upper
101 100
103 64.7 52.9 79.3

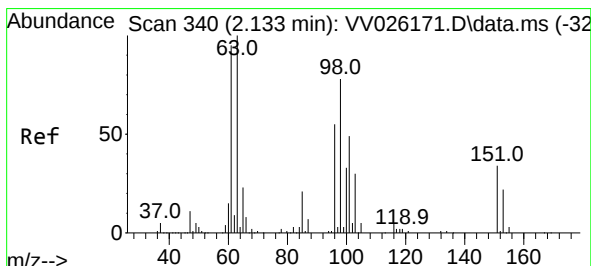
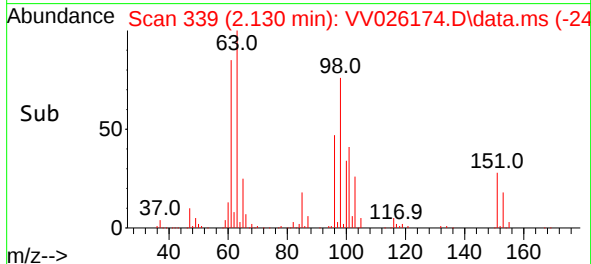
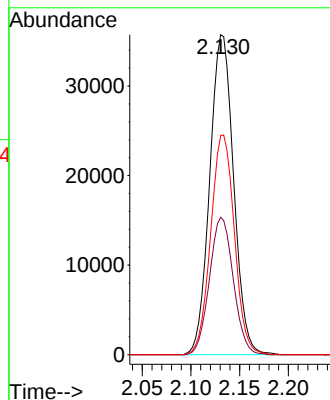
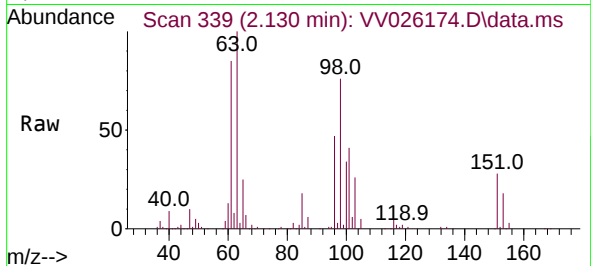




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.559 ug/L
RT: 2.130 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV026174.D
Acq: 12 Jun 2022 19:56

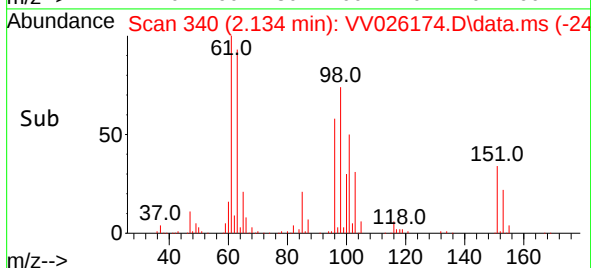
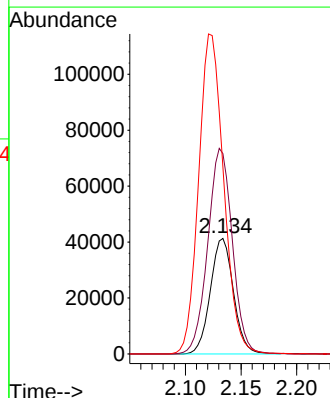
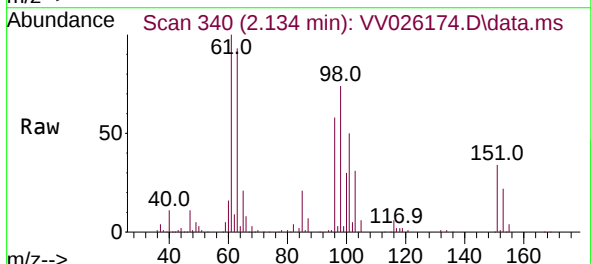
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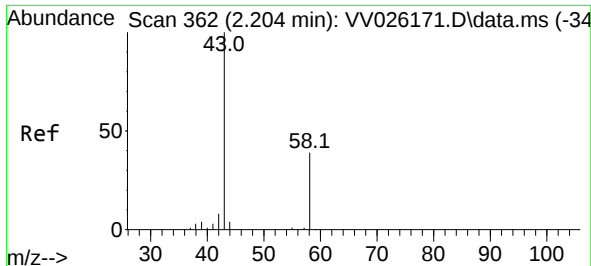
Tgt Ion:101 Resp: 60982
Ion Ratio Lower Upper
101 100
85 42.8 35.3 52.9
151 68.1 56.5 84.7



#12
1,1-Dichloroethene
Concen: 4.666 ug/L
RT: 2.134 min Scan# 340
Delta R.T. 0.000 min
Lab File: VV026174.D
Acq: 12 Jun 2022 19:56

Tgt Ion: 96 Resp: 59684
Ion Ratio Lower Upper
96 100
61 173.3 120.5 223.7
63 161.6 129.3 240.1





#13

Acetone

Concen: 42.976 ug/L

RT: 2.201 min Scan# 30

Delta R.T. -0.003 min

Lab File: VV026174.D

Acq: 12 Jun 2022 19:56

Instrument :

MSVOA_V

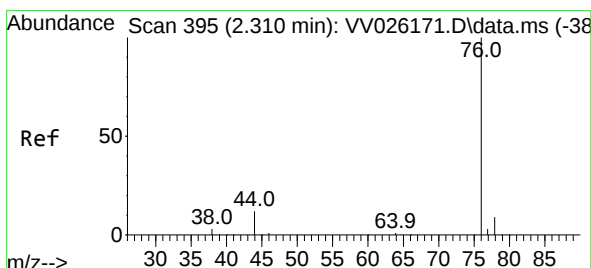
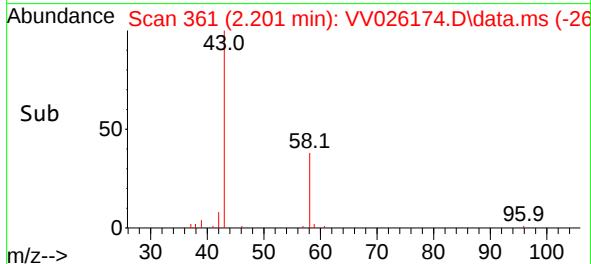
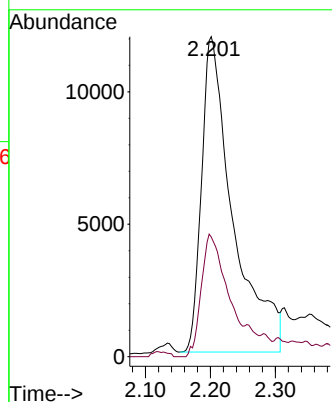
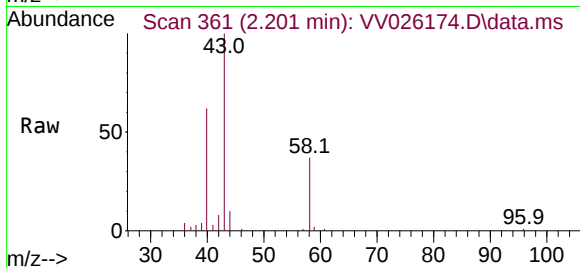
ClientSampleId :

Tgt Ion: 43 Resp: 40042

Ion Ratio Lower Upper

43 100

58 31.8 0.0 73.6



#14

Carbon disulfide

Concen: 4.860 ug/L

RT: 2.307 min Scan# 394

Delta R.T. -0.003 min

Lab File: VV026174.D

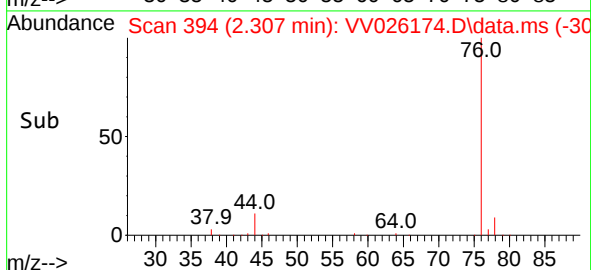
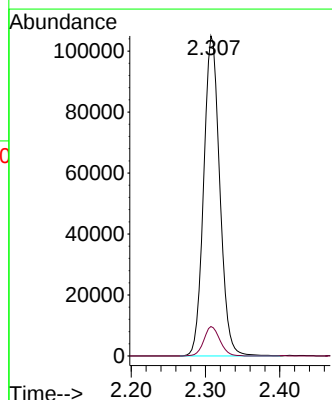
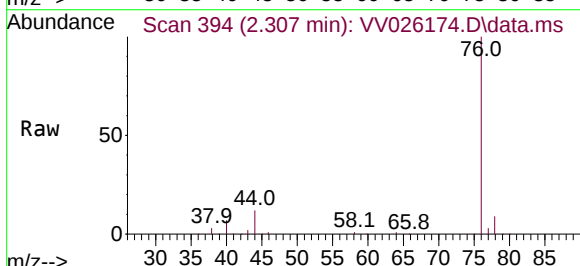
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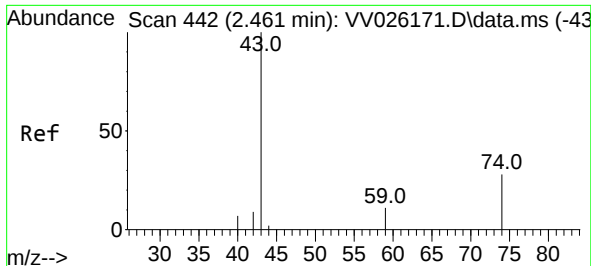
Tgt Ion: 76 Resp: 157849

Ion Ratio Lower Upper

76 100

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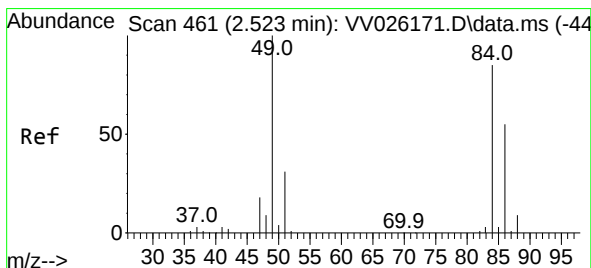
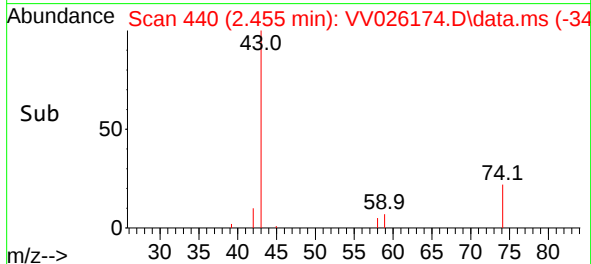
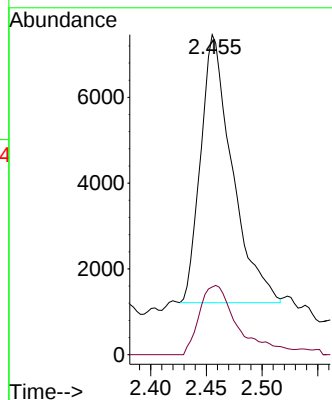
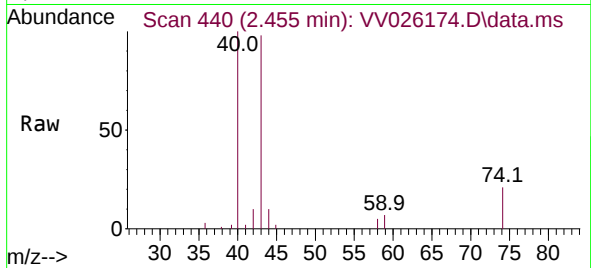




#15
Methyl Acetate
Concen: 4.530 ug/L
RT: 2.455 min Scan# 441
Delta R.T. -0.006 min
Lab File: VV026174.D
Acq: 12 Jun 2022 19:56

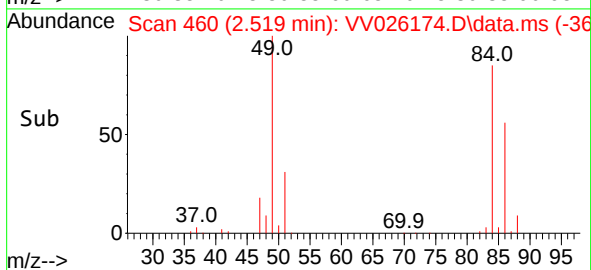
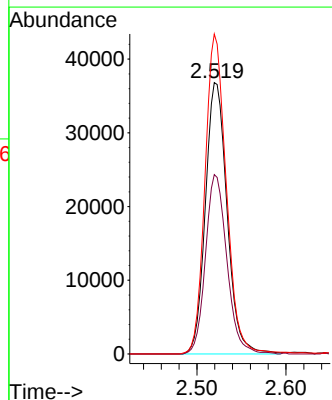
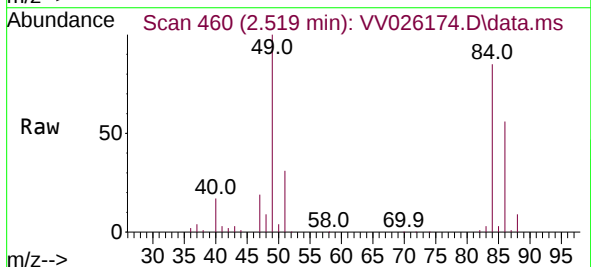
Instrument :
MSVOA_V
ClientSampleId :

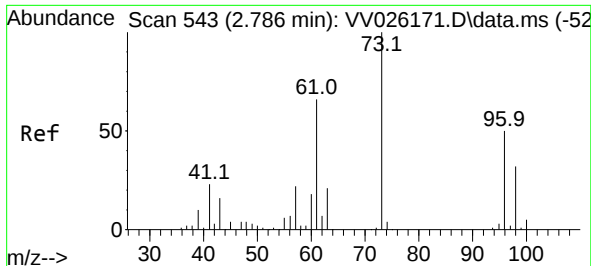
Tgt Ion: 43 Resp: 12327
Ion Ratio Lower Upper
43 100
74 31.7 18.9 28.3#



#16
Methylene chloride
Concen: 4.725 ug/L
RT: 2.519 min Scan# 460
Delta R.T. -0.003 min
Lab File: VV026174.D
Acq: 12 Jun 2022 19:56

Tgt Ion: 84 Resp: 62285
Ion Ratio Lower Upper
84 100
86 66.1 45.1 83.7
49 117.9 82.3 152.9

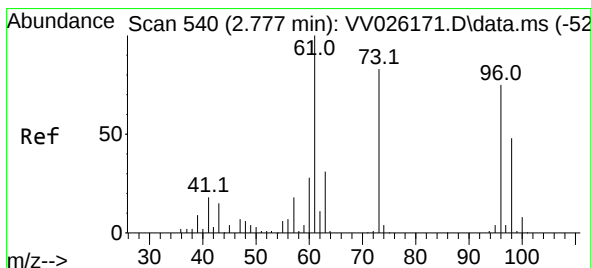
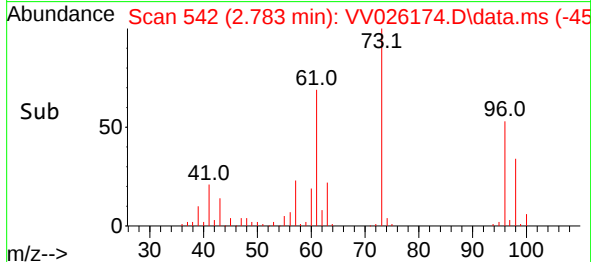
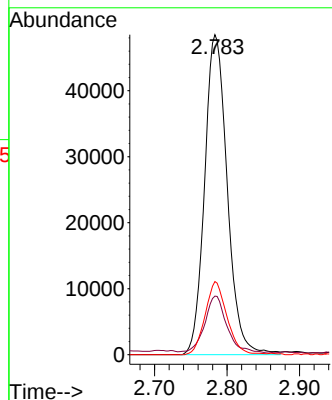
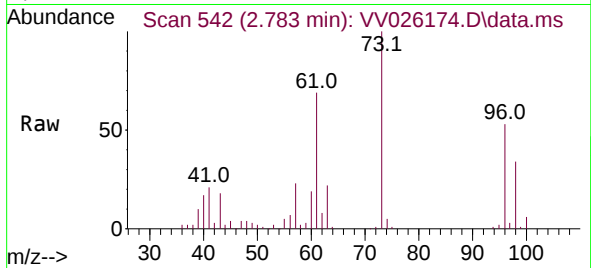




#17
Methyl tert-butyl Ether
Concen: 5.065 ug/L
RT: 2.783 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV026174.D
Acq: 12 Jun 2022 19:56

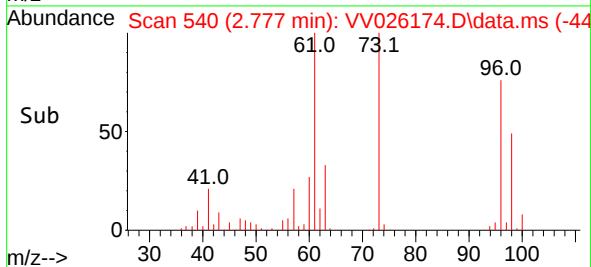
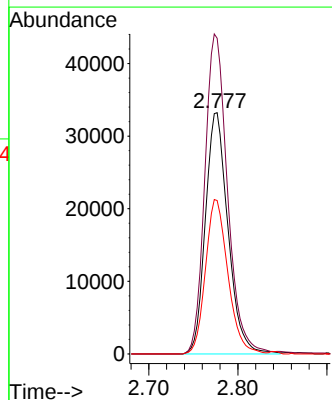
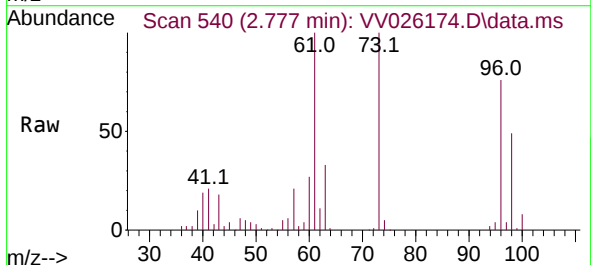
Instrument :
MSVOA_V
ClientSampleId :

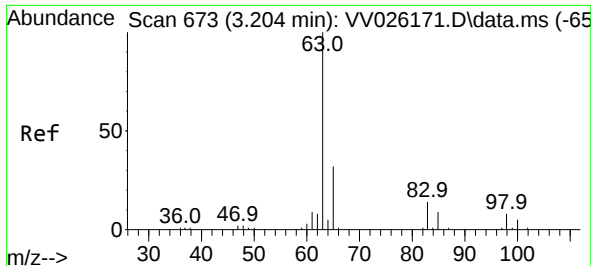
Tgt Ion: 73 Resp: 105329
Ion Ratio Lower Upper
73 100
43 16.9 13.4 20.2
57 21.9 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.780 ug/L
RT: 2.777 min Scan# 540
Delta R.T. 0.000 min
Lab File: VV026174.D
Acq: 12 Jun 2022 19:56

Tgt Ion: 96 Resp: 58621
Ion Ratio Lower Upper
96 100
61 130.8 93.5 173.7
98 63.6 44.7 83.1





#19

1,1-Dichloroethane

Concen: 4.854 ug/L

RT: 3.204 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV026174.D

Acq: 12 Jun 2022 19:56

Instrument :

MSVOA_V

ClientSampleId :

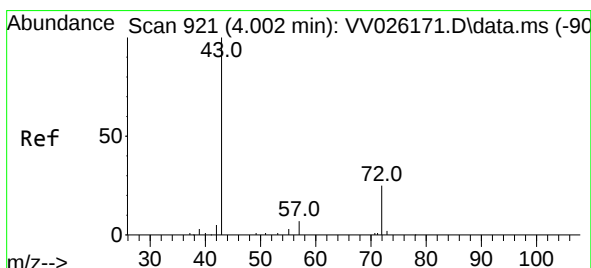
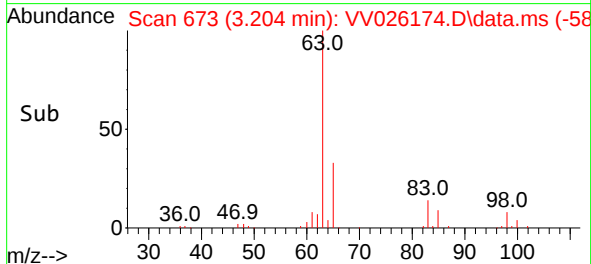
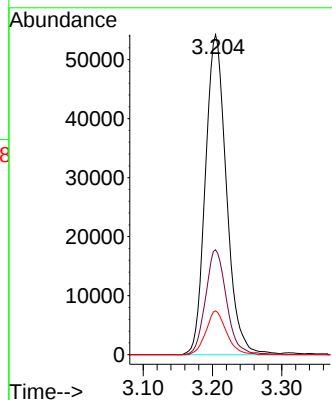
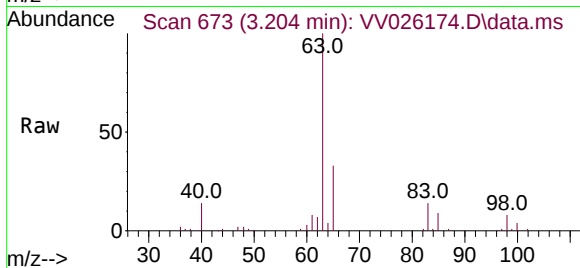
Tgt Ion: 63 Resp: 114224

Ion Ratio Lower Upper

63 100

65 32.8 22.1 41.1

83 13.7 9.5 17.7



#21

2-Butanone

Concen: 47.771 ug/L

RT: 4.005 min Scan# 922

Delta R.T. 0.003 min

Lab File: VV026174.D

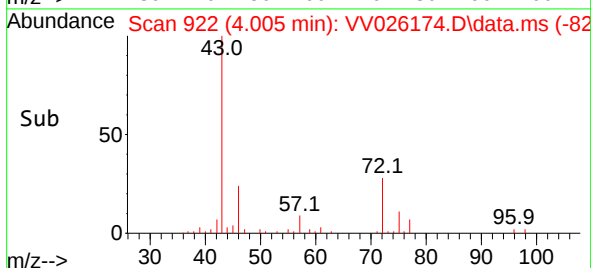
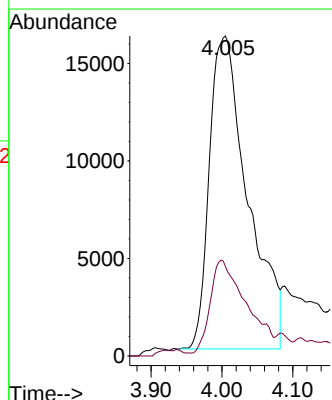
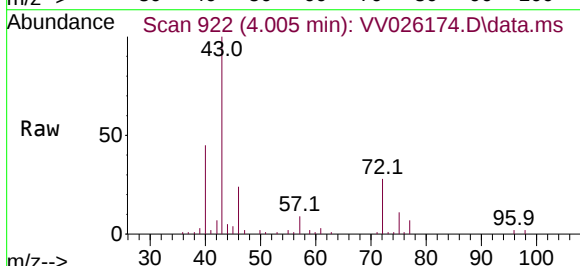
Acq: 12 Jun 2022 19:56

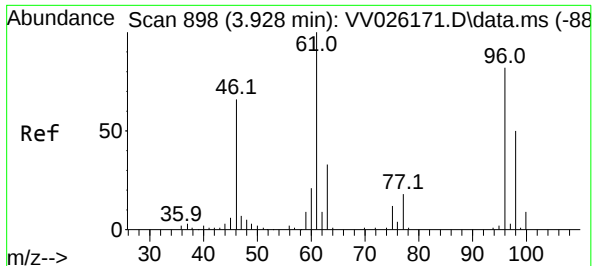
Tgt Ion: 43 Resp: 60587

Ion Ratio Lower Upper

43 100

72 27.6 10.6 31.8





#22

cis-1,2-Dichloroethene

Concen: 5.170 ug/L

RT: 3.925 min Scan# 89

Delta R.T. -0.003 min

Lab File: VV026174.D

Acq: 12 Jun 2022 19:56

Instrument :

MSVOA_V

ClientSampleId :

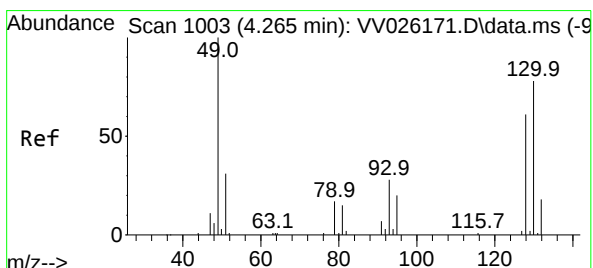
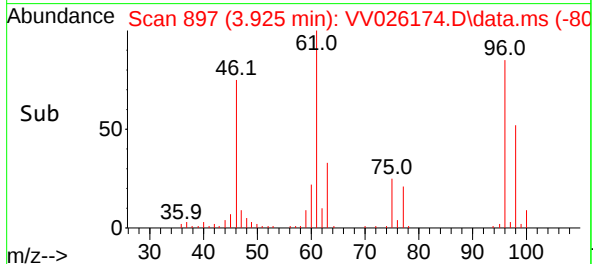
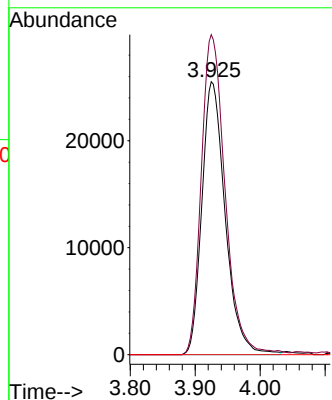
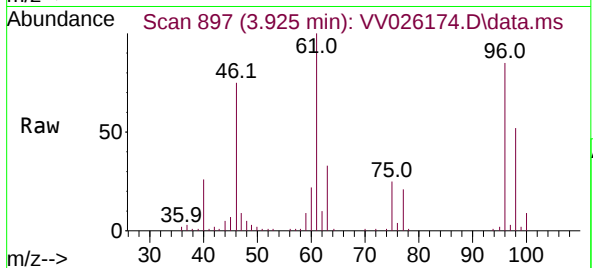
Tgt Ion: 96 Resp: 63779

Ion Ratio Lower Upper

96 100

61 117.2 85.2 158.2

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.953 ug/L

RT: 4.262 min Scan# 1002

Delta R.T. -0.003 min

Lab File: VV026174.D

Acq: 12 Jun 2022 19:56

Tgt Ion: 128 Resp: 25512

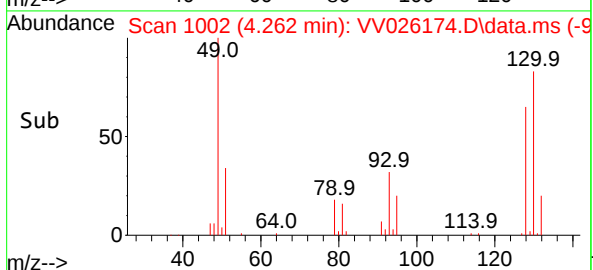
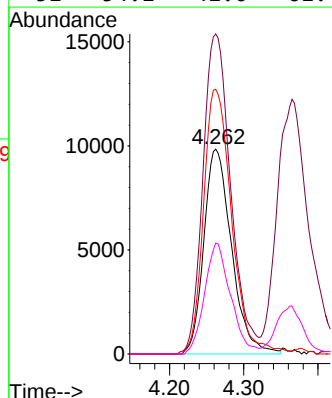
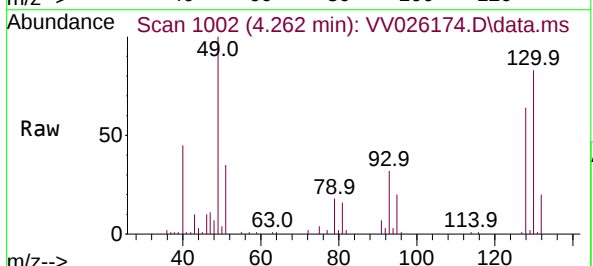
Ion Ratio Lower Upper

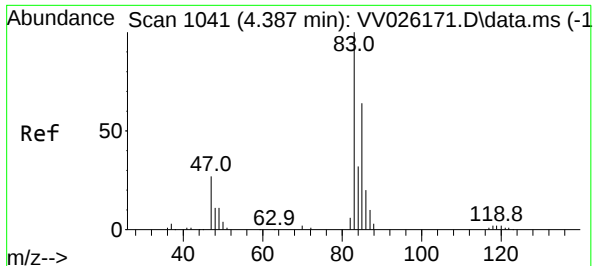
128 100

49 156.2 114.9 213.5

130 129.2 89.1 165.5

51 54.1 41.0 61.4





#25

Chloroform

Concen: 4.821 ug/L

RT: 4.388 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VV026174.D

Acq: 12 Jun 2022 19:56

Instrument :

MSVOA_V

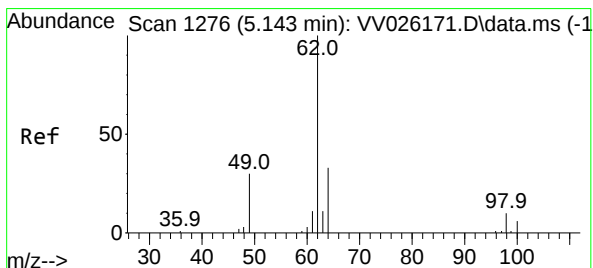
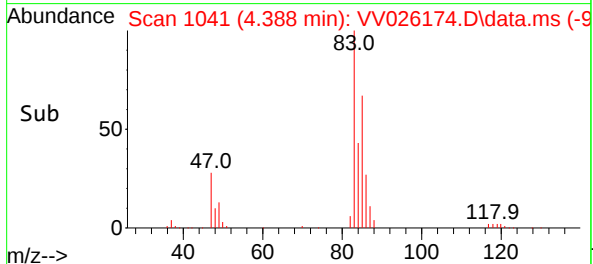
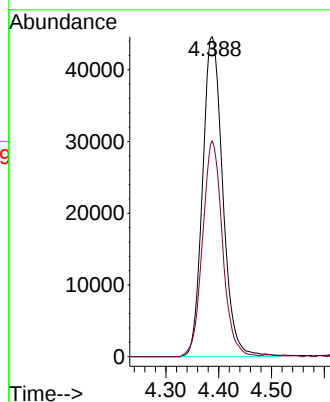
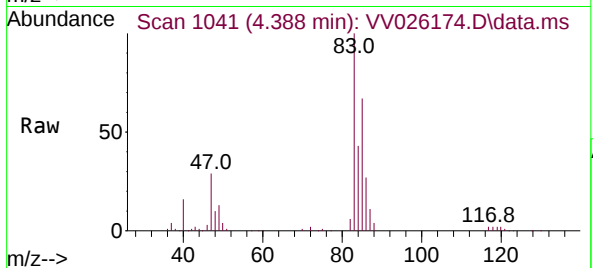
ClientSampleId :

Tgt Ion: 83 Resp: 118580

Ion Ratio Lower Upper

83 100

85 67.4 45.3 84.1



#27

1,2-Dichloroethane

Concen: 4.925 ug/L

RT: 5.143 min Scan# 1276

Delta R.T. 0.000 min

Lab File: VV026174.D

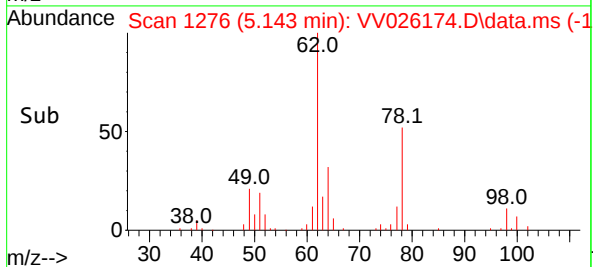
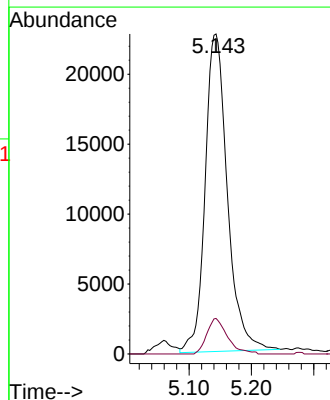
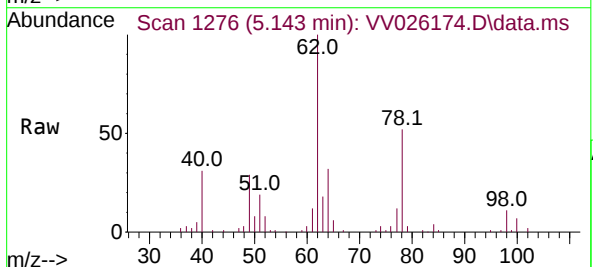
Acq: 12 Jun 2022 19:56

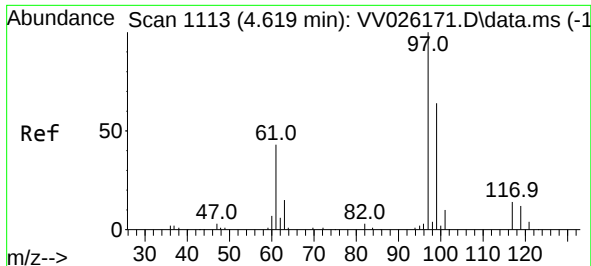
Tgt Ion: 62 Resp: 56303

Ion Ratio Lower Upper

62 100

98 11.1 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 4.890 ug/L

RT: 4.619 min Scan# 1113

Delta R.T. 0.000 min

Lab File: VV026174.D

Acq: 12 Jun 2022 19:56

Instrument :

MSVOA_V

ClientSampleId :

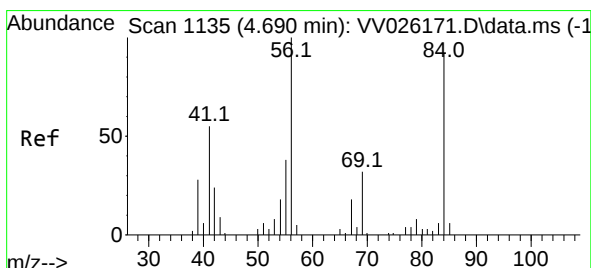
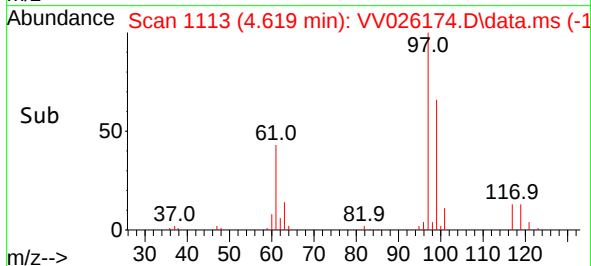
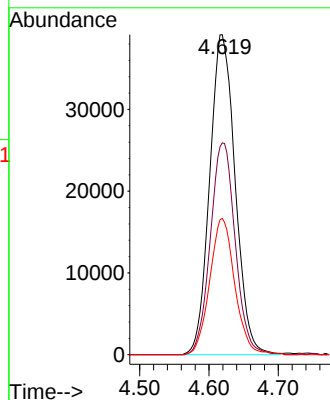
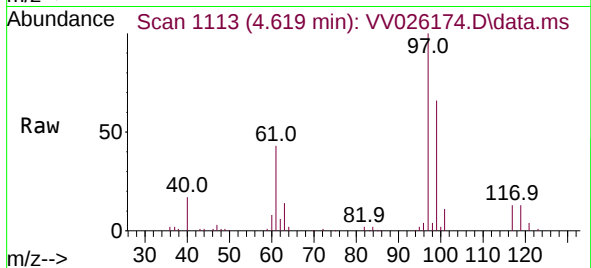
Tgt Ion: 97 Resp: 99966

Ion Ratio Lower Upper

97 100

99 64.8 51.0 76.4

61 41.9 34.9 52.3



#30

Cyclohexane

Concen: 4.990 ug/L

RT: 4.690 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VV026174.D

Acq: 12 Jun 2022 19:56

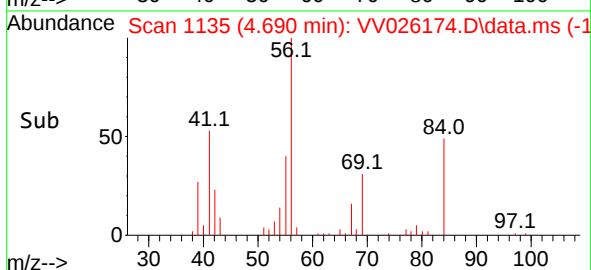
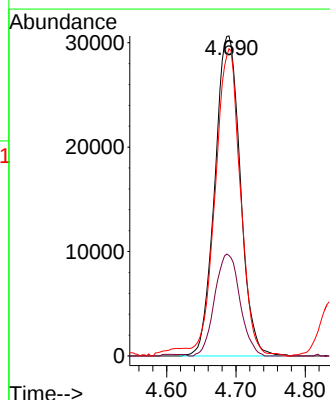
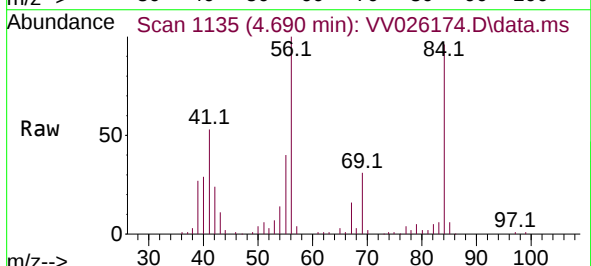
Tgt Ion: 56 Resp: 78133

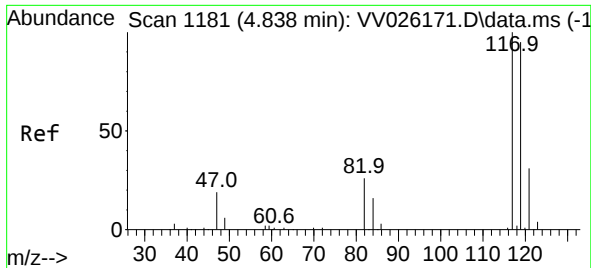
Ion Ratio Lower Upper

56 100

69 31.6 24.8 37.2

84 94.7 75.7 113.5

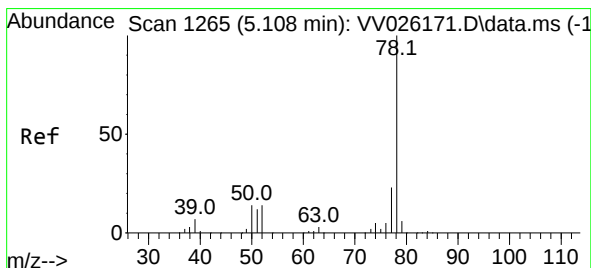
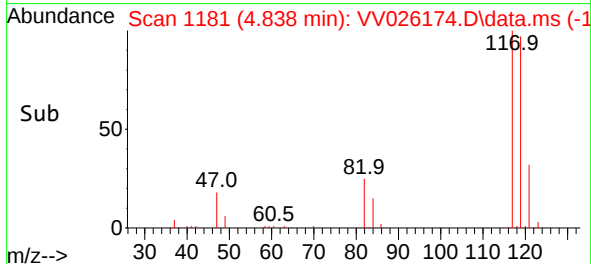
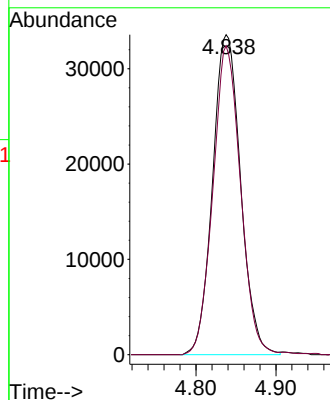
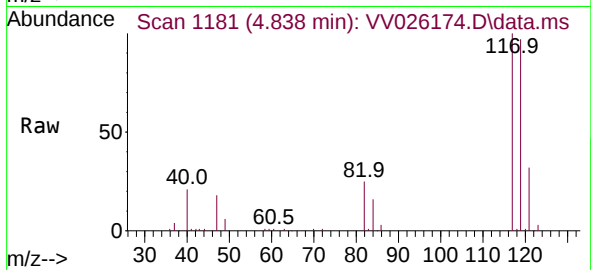




#31
Carbon tetrachloride
Concen: 4.936 ug/L
RT: 4.838 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VV026174.D
Acq: 12 Jun 2022 19:56

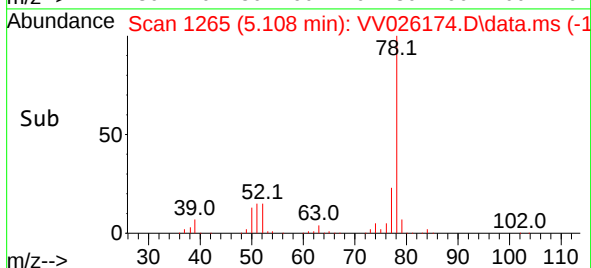
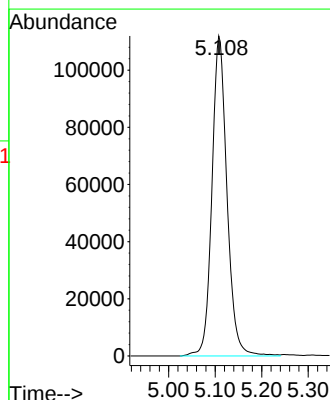
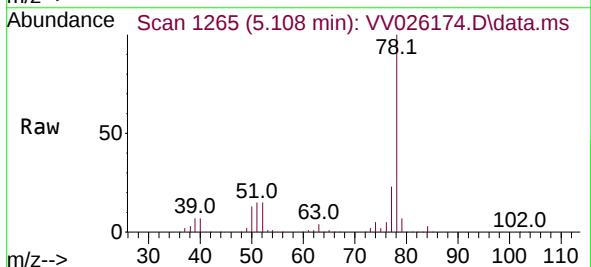
Instrument :
MSVOA_V
ClientSampleId :

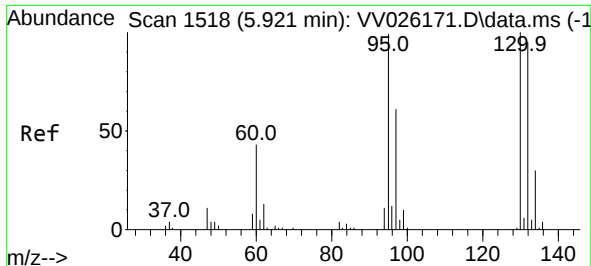
Tgt Ion:117 Resp: 81549
Ion Ratio Lower Upper
117 100
119 95.0 77.8 116.8



#33
Benzene
Concen: 5.340 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VV026174.D
Acq: 12 Jun 2022 19:56

Tgt Ion: 78 Resp: 251787

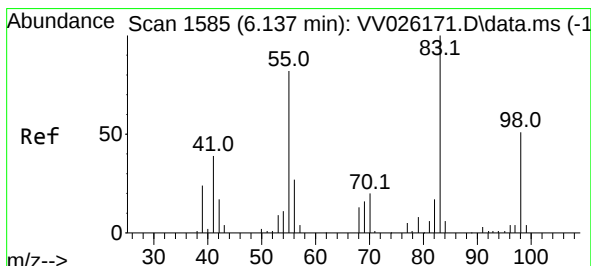
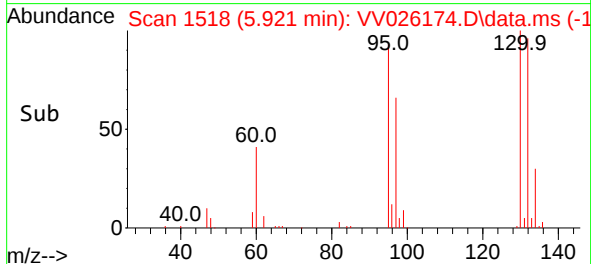
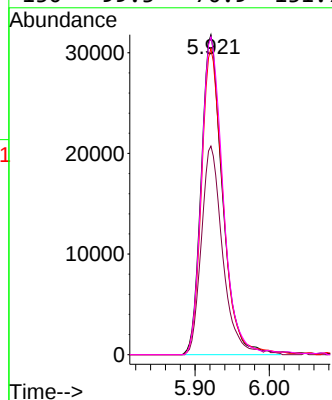
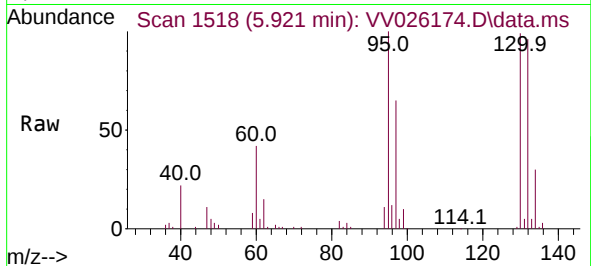




#34
Trichloroethene
Concen: 4.975 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VV026174.D
Acq: 12 Jun 2022 19:56

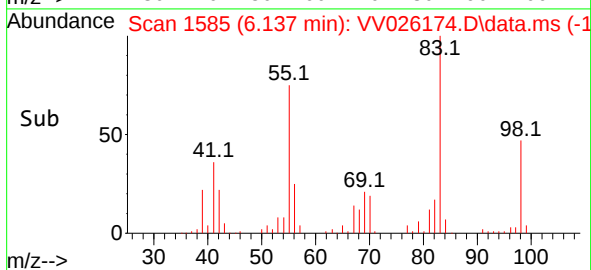
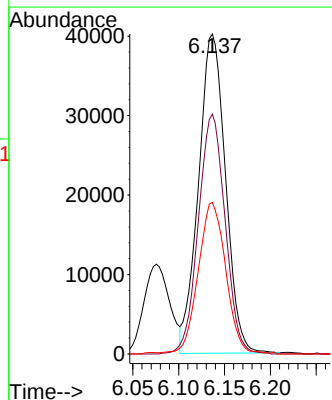
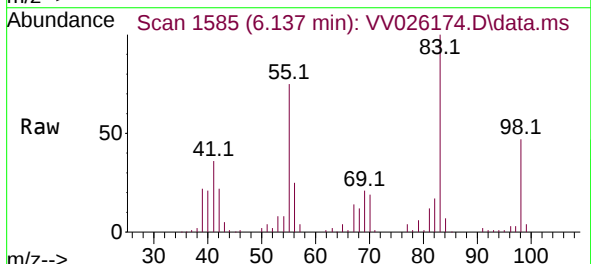
Instrument :
MSVOA_V
ClientSampleId :

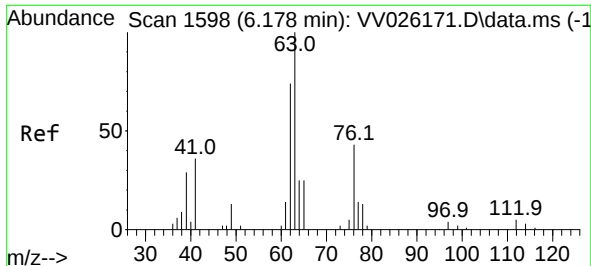
Tgt Ion: 95 Resp: 63353
Ion Ratio Lower Upper
95 100
97 65.2 43.3 80.3
132 95.7 67.5 125.4
130 99.3 70.9 131.7



#35
Methylcyclohexane
Concen: 4.774 ug/L
RT: 6.137 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VV026174.D
Acq: 12 Jun 2022 19:56

Tgt Ion: 83 Resp: 82196
Ion Ratio Lower Upper
83 100
55 74.6 59.5 89.3
98 48.7 38.4 57.6





#37

1,2-Dichloropropane

Concen: 4.939 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV026174.D

Acq: 12 Jun 2022 19:56

Instrument :

MSVOA_V

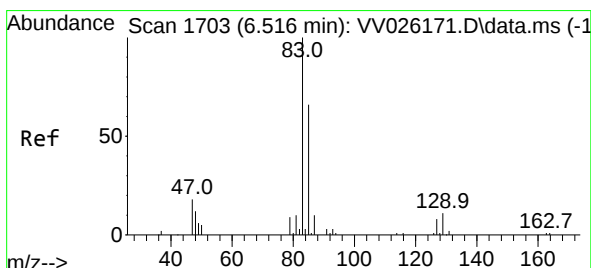
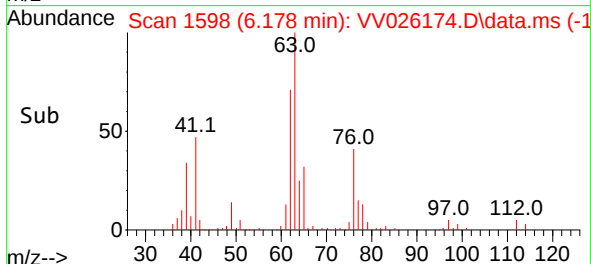
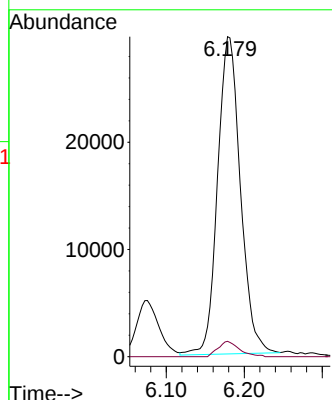
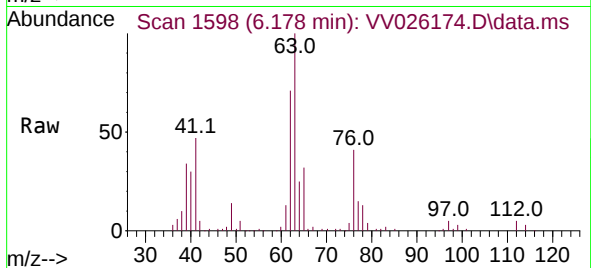
ClientSampleId :

Tgt Ion: 63 Resp: 60332

Ion Ratio Lower Upper

63 100

112 4.5 3.9 5.9



#38

Bromodichloromethane

Concen: 5.079 ug/L

RT: 6.516 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VV026174.D

Acq: 12 Jun 2022 19:56

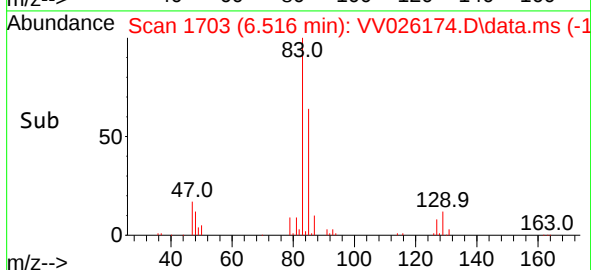
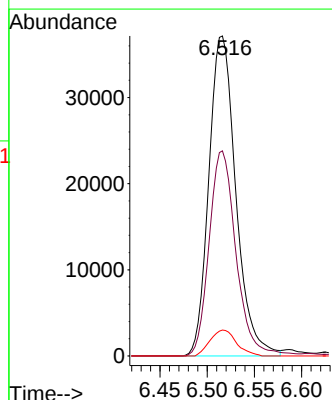
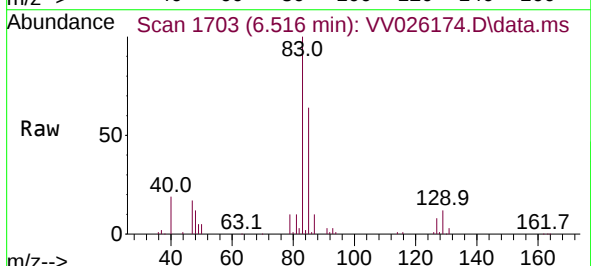
Tgt Ion: 83 Resp: 73896

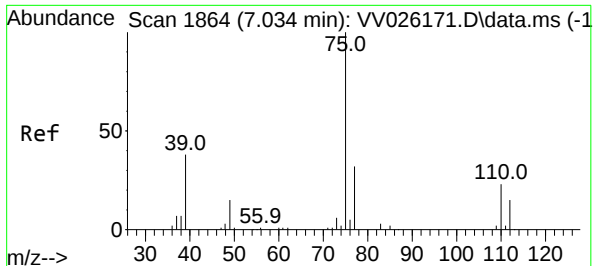
Ion Ratio Lower Upper

83 100

85 64.1 46.0 85.4

127 8.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.625 ug/L

RT: 7.034 min Scan# 1864

Delta R.T. 0.000 min

Lab File: VV026174.D

Acq: 12 Jun 2022 19:56

Instrument :

MSVOA_V

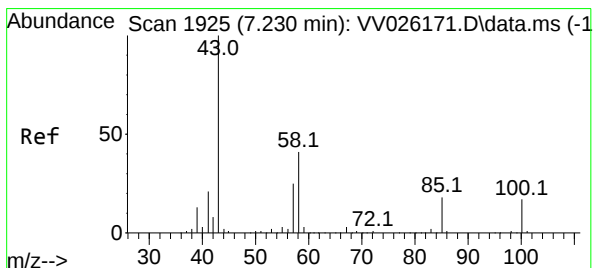
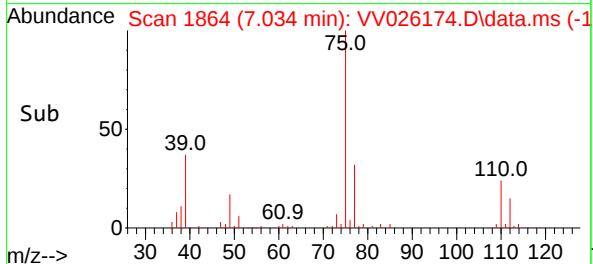
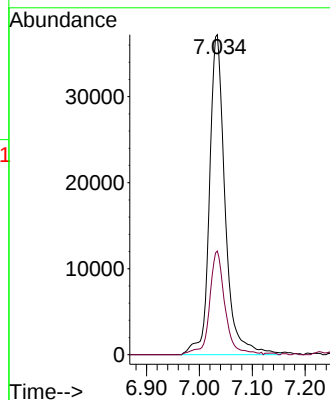
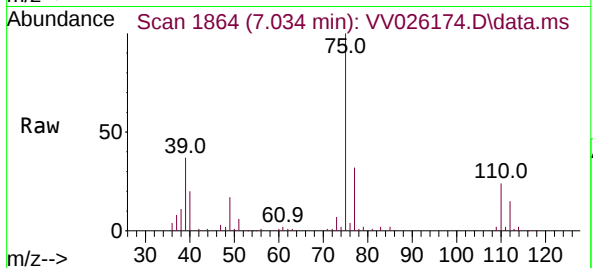
ClientSampleId :

Tgt Ion: 75 Resp: 76662

Ion Ratio Lower Upper

75 100

77 32.4 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 55.164 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VV026174.D

Acq: 12 Jun 2022 19:56

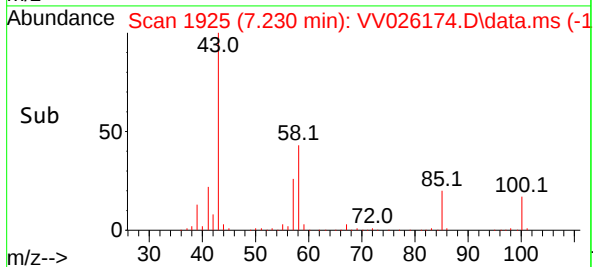
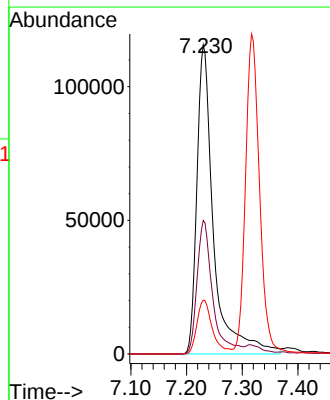
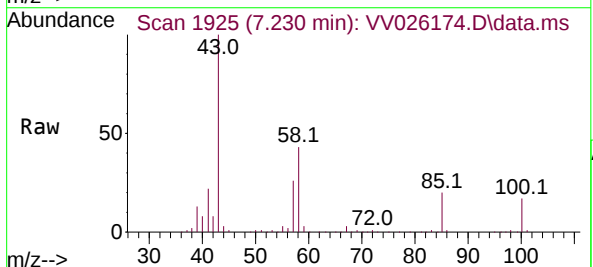
Tgt Ion: 43 Resp: 241141

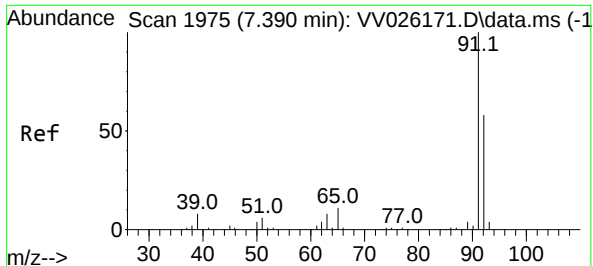
Ion Ratio Lower Upper

43 100

58 40.2 30.9 46.3

100 16.2 12.0 18.0





#42

Toluene

Concen: 5.289 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.000 min

Lab File: VV026174.D

Acq: 12 Jun 2022 19:56

Instrument :

MSVOA_V

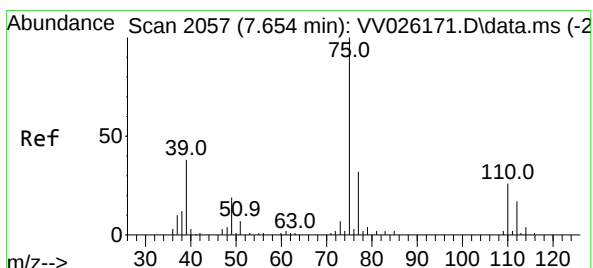
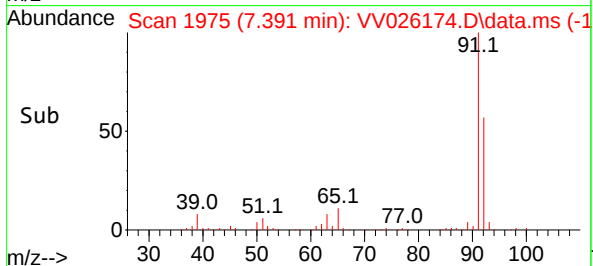
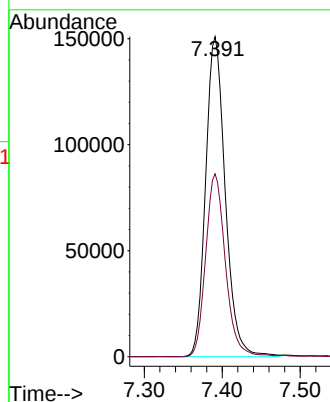
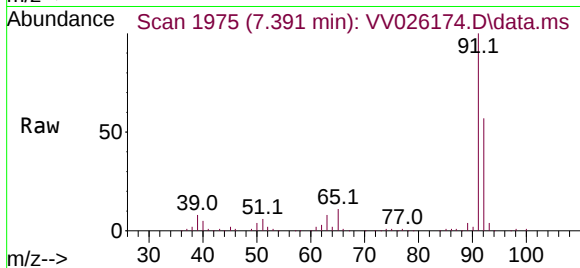
ClientSampleId :

Tgt Ion: 91 Resp: 264059

Ion Ratio Lower Upper

91 100

92 57.2 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.365 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VV026174.D

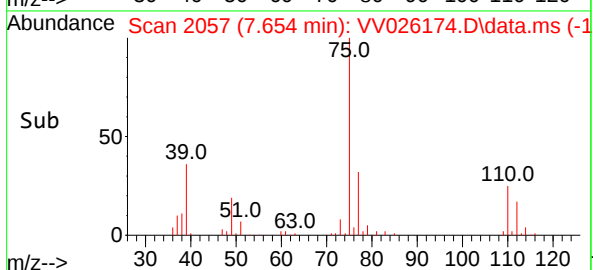
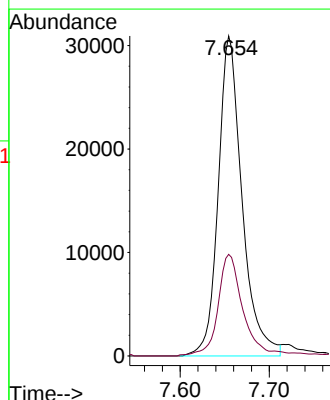
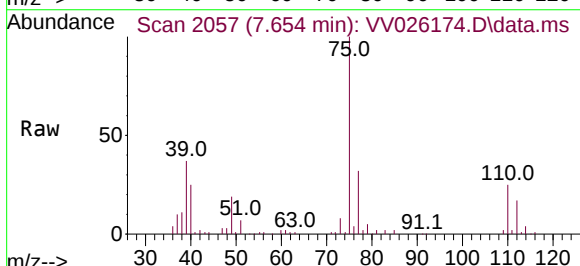
Acq: 12 Jun 2022 19:56

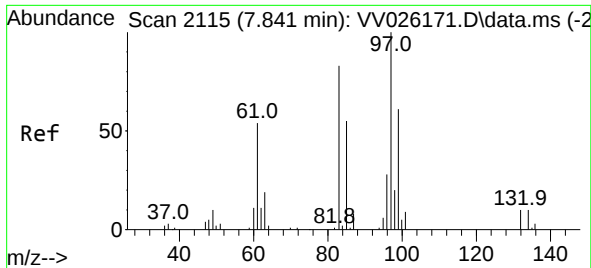
Tgt Ion: 75 Resp: 57513

Ion Ratio Lower Upper

75 100

77 31.8 22.3 41.3

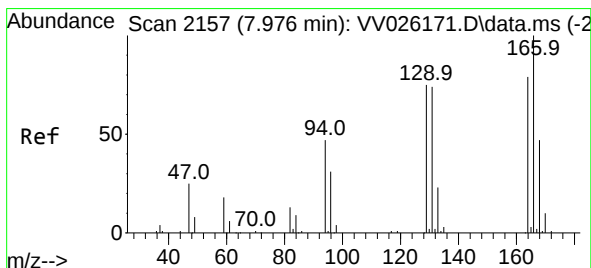
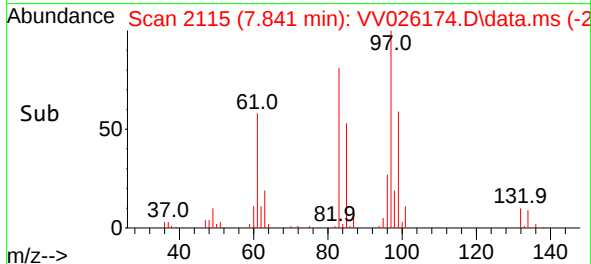
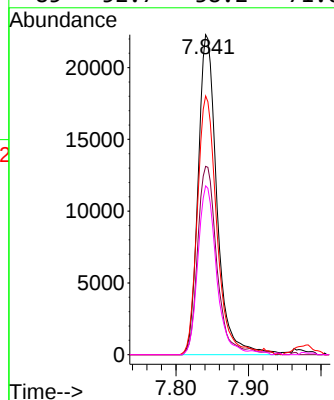
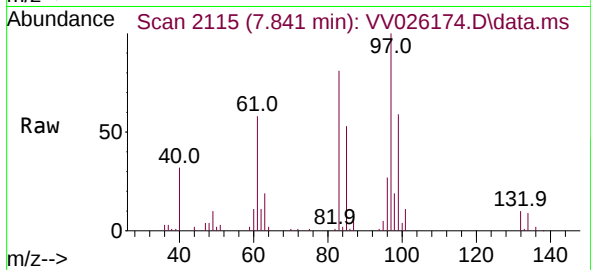




#45
1,1,2-Trichloroethane
Concen: 5.221 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV026174.D
Acq: 12 Jun 2022 19:56

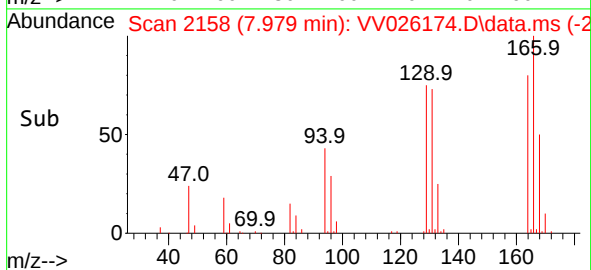
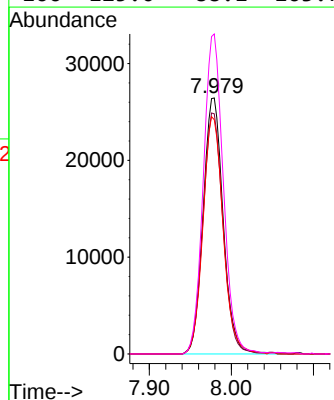
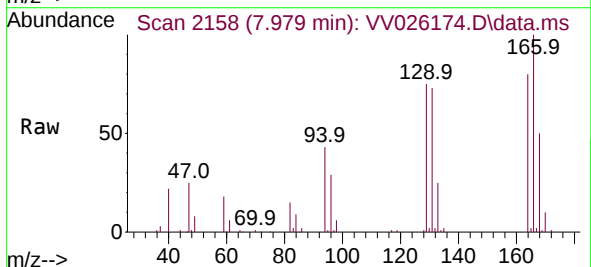
Instrument :
MSVOA_V
ClientSampleId :

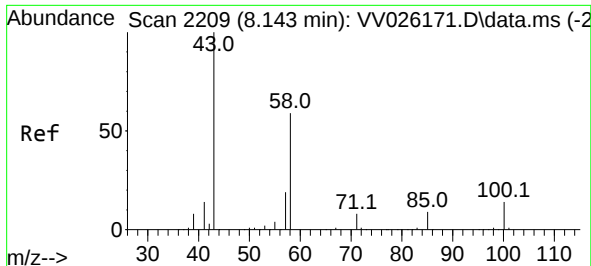
Tgt Ion: 97	Resp: 40144
Ion Ratio	Lower Upper
97 100	
99 58.9	43.0 80.0
83 80.8	58.4 108.4
85 52.7	38.2 71.0



#47
Tetrachloroethene
Concen: 4.907 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV026174.D
Acq: 12 Jun 2022 19:56

Tgt	Ion:164	Resp:	44878
Ion	Ratio	Lower	Upper
164	100		
129	93.8	66.1	122.7
131	91.5	65.0	120.6
166	125.0	88.1	163.7

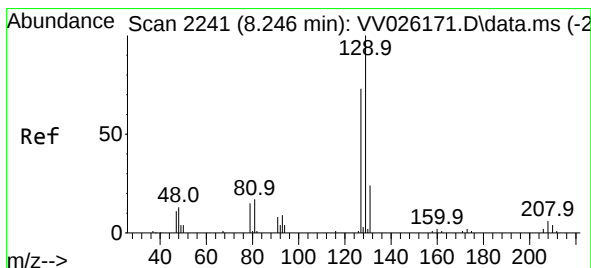
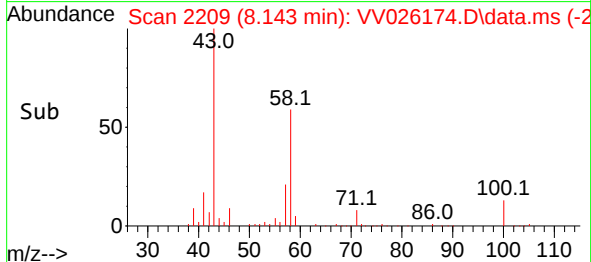
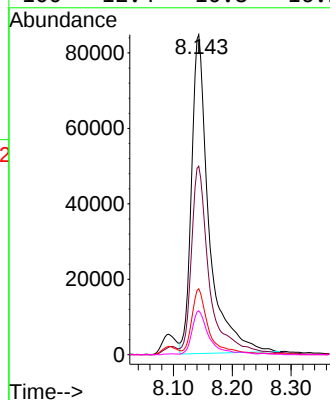
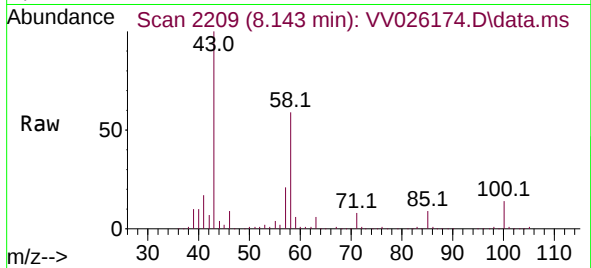




#48
2-Hexanone
Concen: 56.194 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.000 min
Lab File: VV026174.D
Acq: 12 Jun 2022 19:56

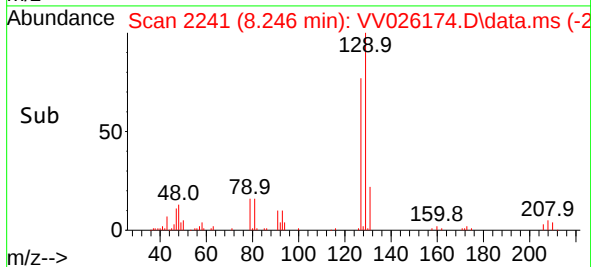
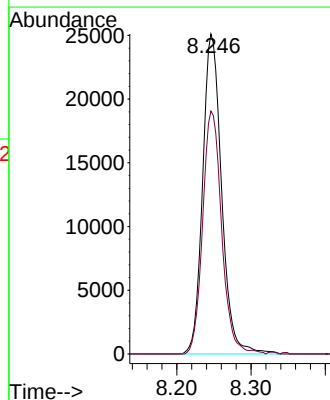
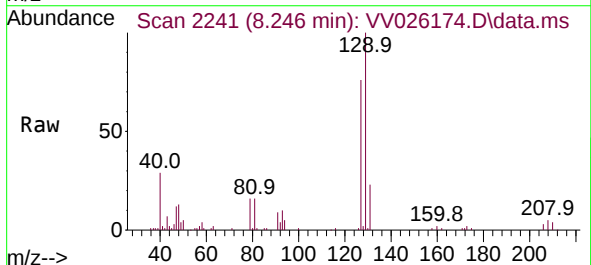
Instrument :
MSVOA_V
ClientSampleId :

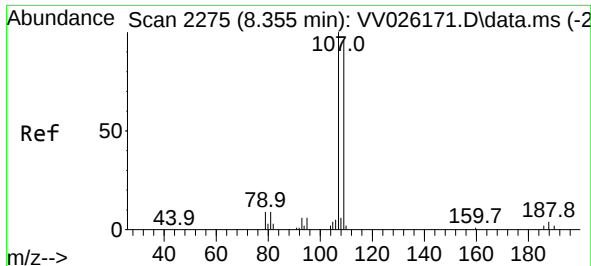
Tgt Ion: 43 Resp: 174439
Ion Ratio Lower Upper
43 100
58 59.4 46.1 69.1
57 19.0 15.3 22.9
100 12.4 10.8 16.2



#49
Dibromochloromethane
Concen: 5.299 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026174.D
Acq: 12 Jun 2022 19:56

Tgt Ion: 129 Resp: 44473
Ion Ratio Lower Upper
129 100
127 75.9 50.9 94.5





#50

1,2-Dibromoethane

Concen: 5.223 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV026174.D

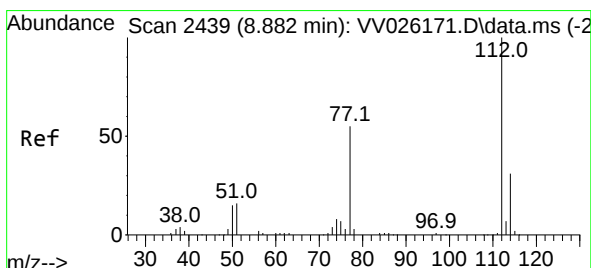
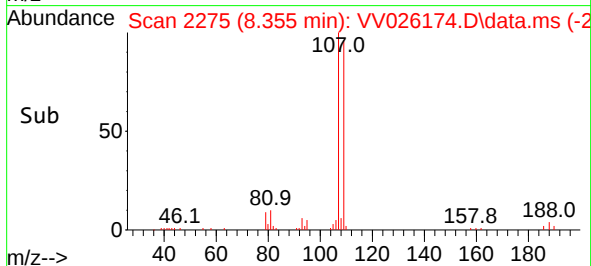
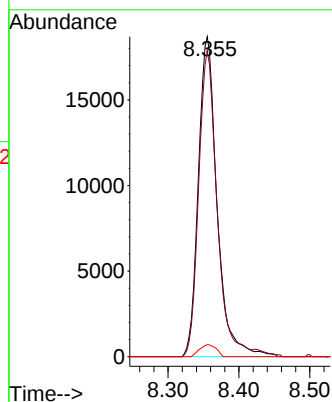
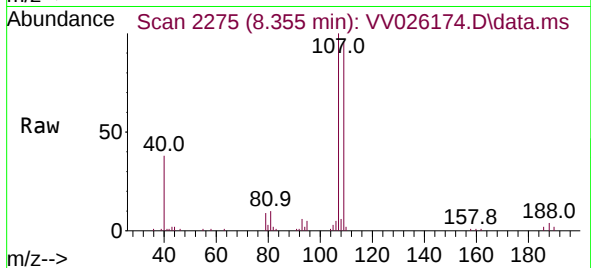
Acq: 12 Jun 2022 19:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	107	Resp:	34354
Ion	Ratio	Lower	Upper
107	100		
109	95.6	66.9	124.3
188	3.8	2.9	4.3



#51

Chlorobenzene

Concen: 5.004 ug/L

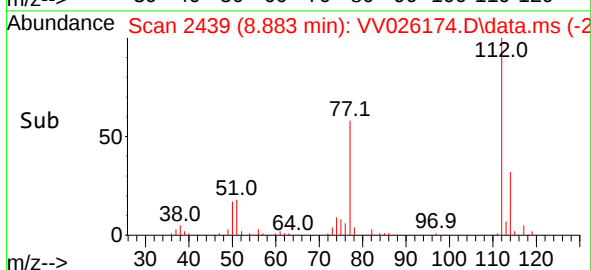
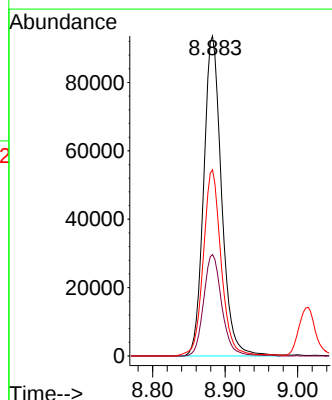
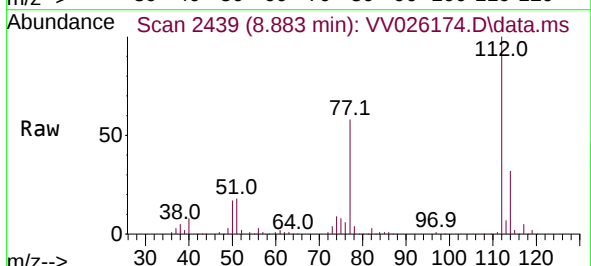
RT: 8.883 min Scan# 2439

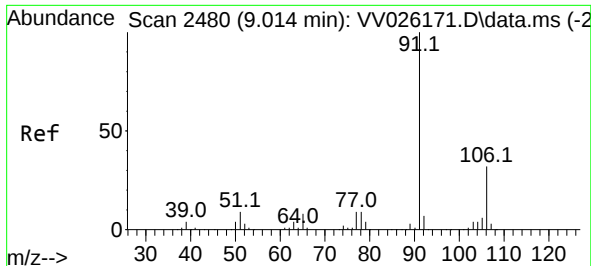
Delta R.T. 0.000 min

Lab File: VV026174.D

Acq: 12 Jun 2022 19:56

Tgt Ion:	112	Resp:	160620
Ion	Ratio	Lower	Upper
112	100		
114	31.7	21.8	40.6
77	58.2	44.6	66.8





#52

Ethylbenzene

Concen: 5.154 ug/L

RT: 9.011 min Scan# 2480

Delta R.T. -0.003 min

Lab File: VV026174.D

Acq: 12 Jun 2022 19:56

Instrument :

MSVOA_V

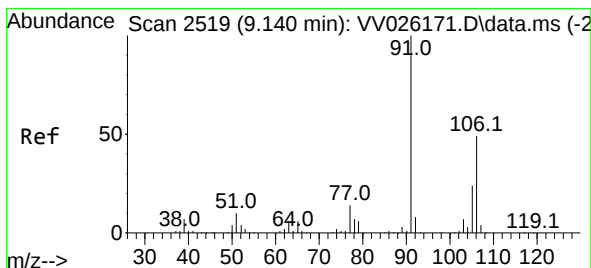
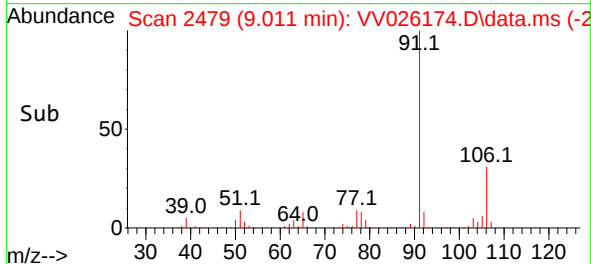
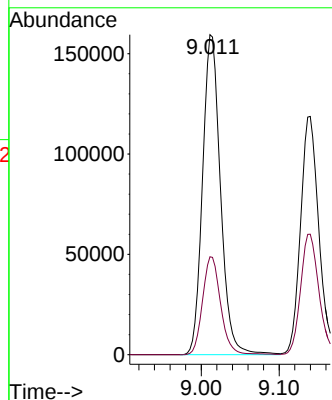
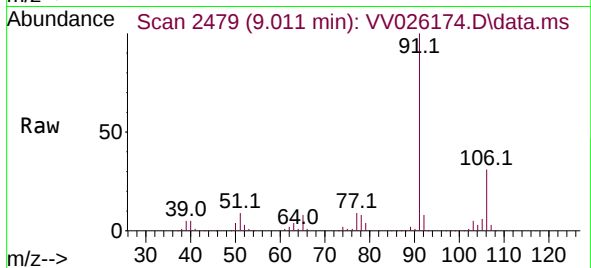
ClientSampleId :

Tgt Ion: 91 Resp: 255319

Ion Ratio Lower Upper

91 100

106 30.6 22.3 41.3



#53

m,p-Xylene

Concen: 5.209 ug/L

RT: 9.140 min Scan# 2519

Delta R.T. 0.000 min

Lab File: VV026174.D

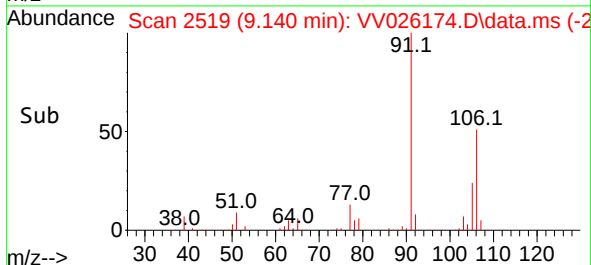
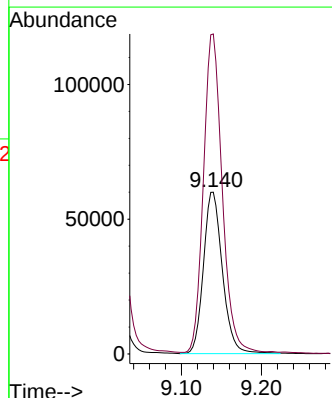
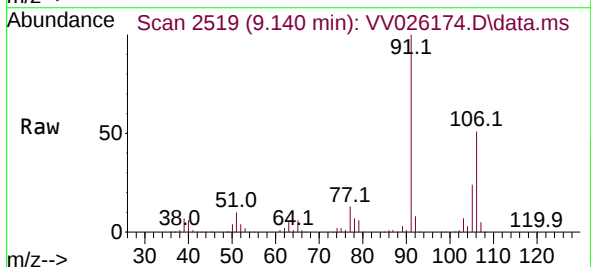
Acq: 12 Jun 2022 19:56

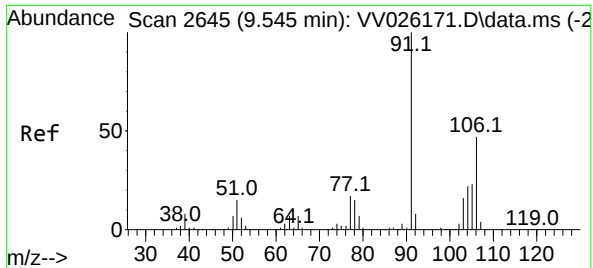
Tgt Ion: 106 Resp: 98765

Ion Ratio Lower Upper

106 100

91 197.7 142.0 263.8

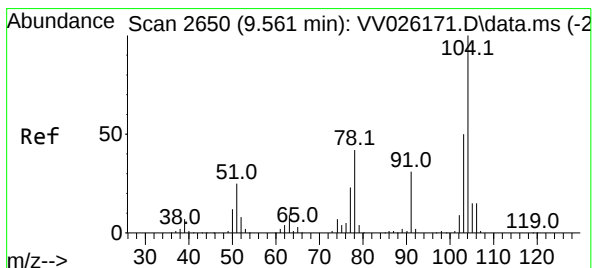
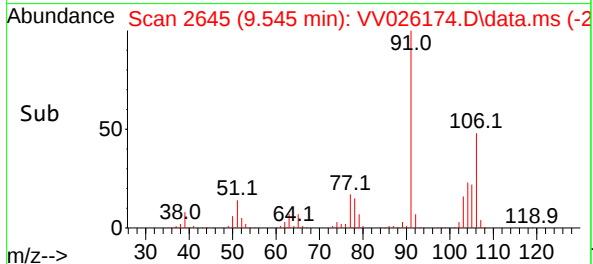
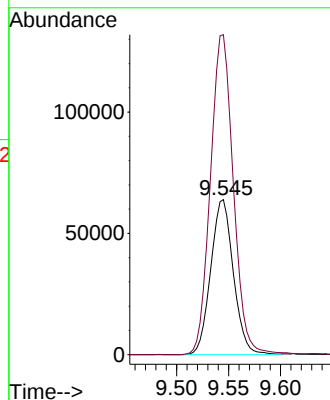
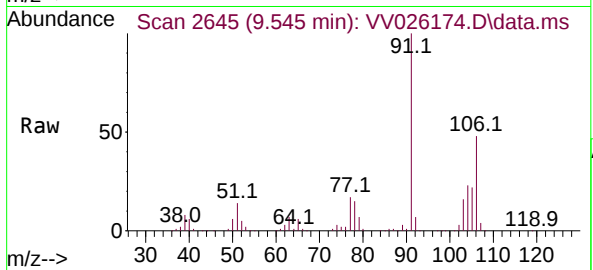




#54
o-Xylene
Concen: 5.284 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.000 min
Lab File: VV026174.D
Acq: 12 Jun 2022 19:56

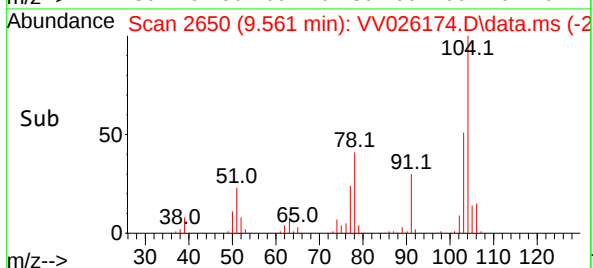
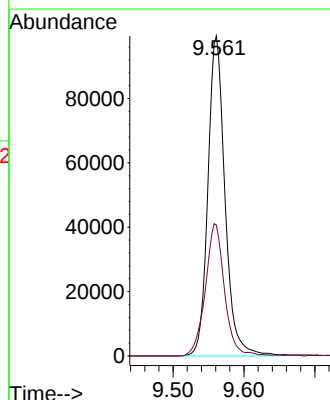
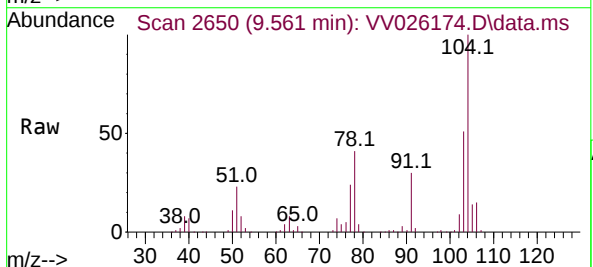
Instrument :
MSVOA_V
ClientSampleId :

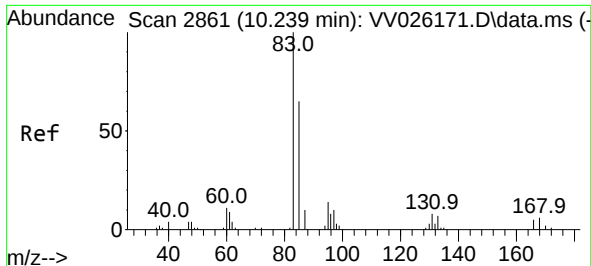
Tgt Ion:106 Resp: 96866
Ion Ratio Lower Upper
106 100
91 206.5 149.0 276.6



#55
Styrene
Concen: 5.504 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV026174.D
Acq: 12 Jun 2022 19:56

Tgt Ion:104 Resp: 166355
Ion Ratio Lower Upper
104 100
78 40.9 29.7 55.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.184 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV026174.D

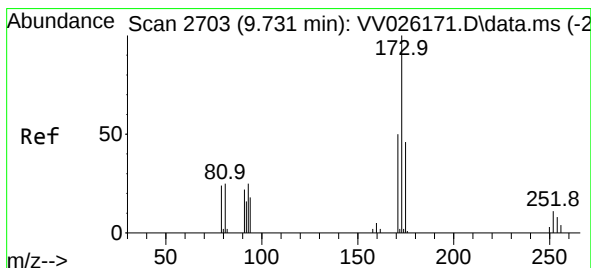
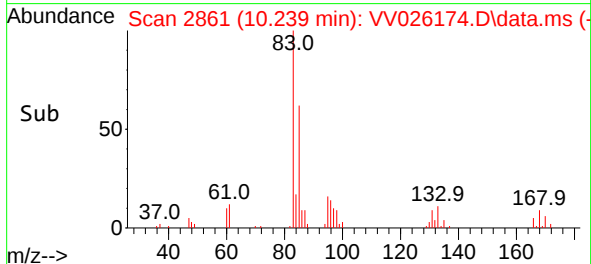
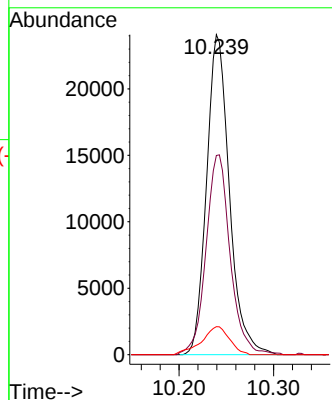
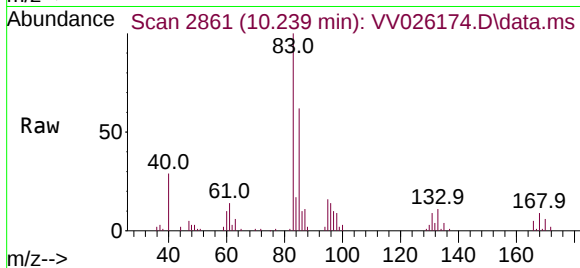
Acq: 12 Jun 2022 19:56

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	40406
Ion	Ratio	Lower	Upper
83	100		
85	62.2	45.8	85.2
131	8.7	7.1	10.7



#59

Bromoform

Concen: 5.276 ug/L

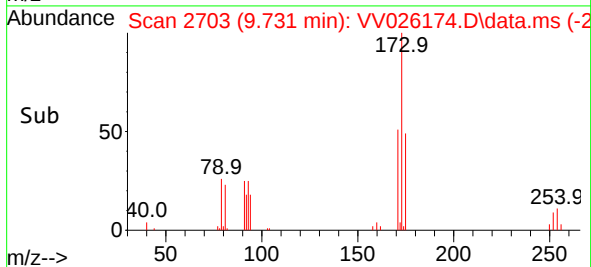
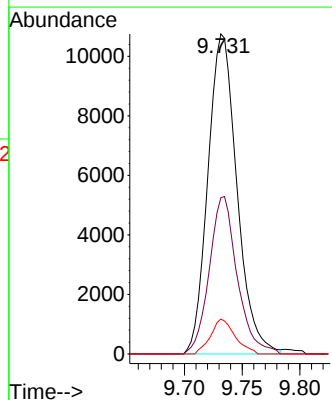
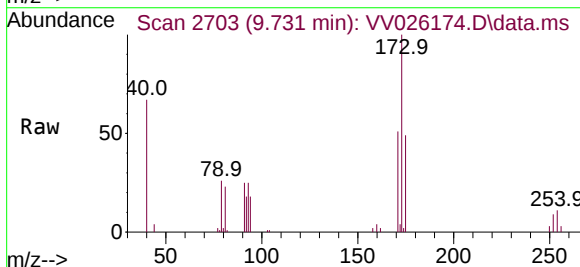
RT: 9.731 min Scan# 2703

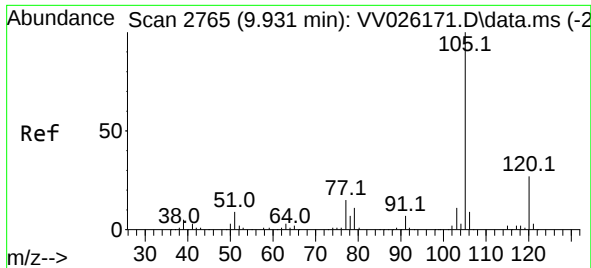
Delta R.T. 0.000 min

Lab File: VV026174.D

Acq: 12 Jun 2022 19:56

Tgt Ion:	173	Resp:	18809
Ion	Ratio	Lower	Upper
173	100		
175	47.3	37.4	56.2
254	9.1	6.5	9.7

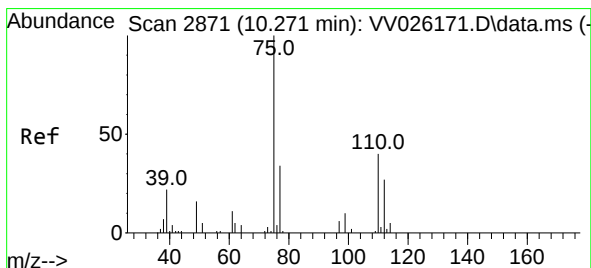
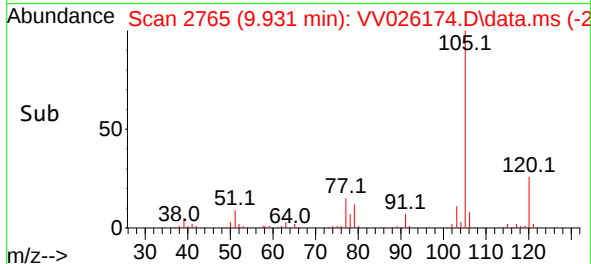
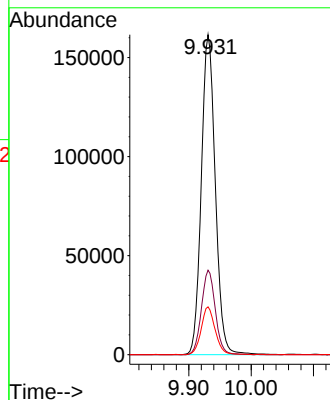
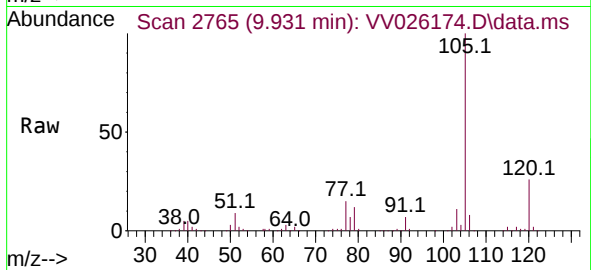




#60
Isopropylbenzene
Concen: 5.200 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026174.D
Acq: 12 Jun 2022 19:56

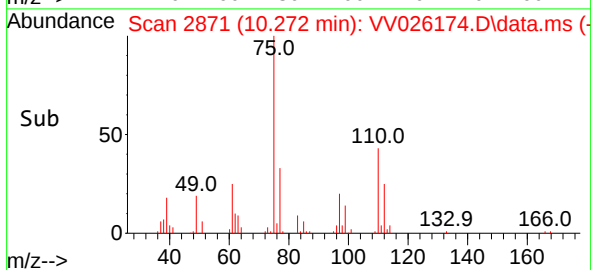
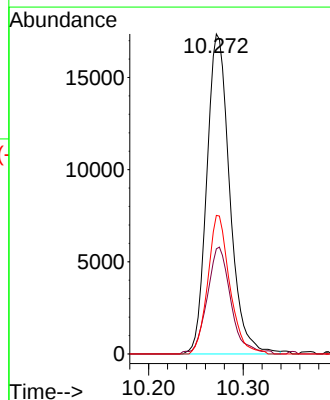
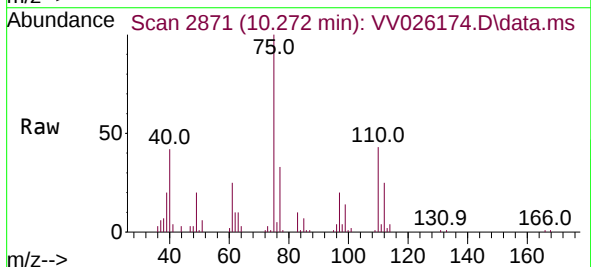
Instrument :
MSVOA_V
ClientSampleId :

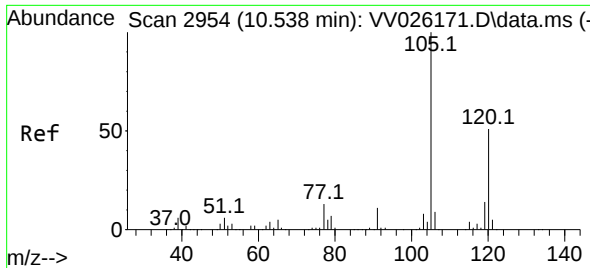
Tgt Ion:105 Resp: 252443
Ion Ratio Lower Upper
105 100
120 26.1 21.4 32.0
77 14.9 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 5.137 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026174.D
Acq: 12 Jun 2022 19:56

Tgt Ion: 75 Resp: 29250
Ion Ratio Lower Upper
75 100
77 34.2 27.8 41.8
110 41.4 33.0 49.4

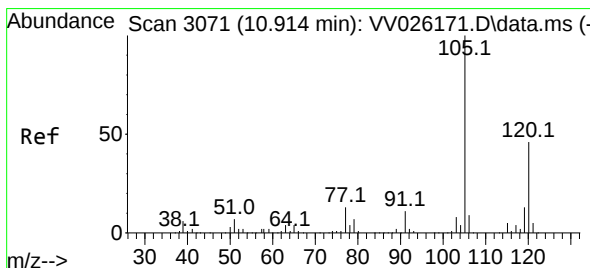
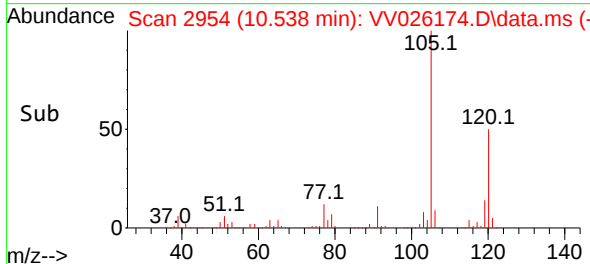
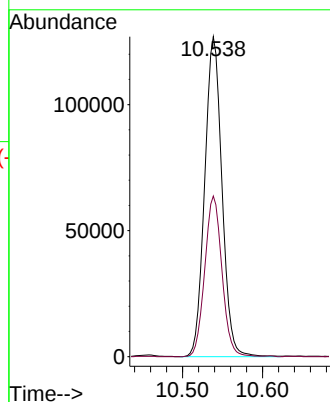
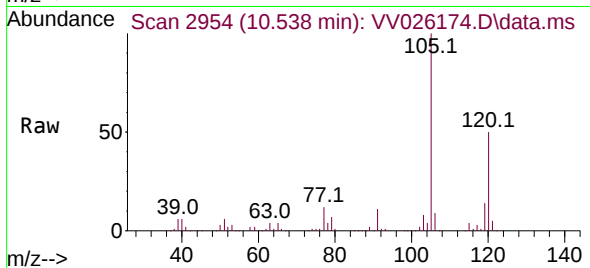




#62
 1,3,5-Trimethylbenzene
 Concen: 4.991 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: VV026174.D
 Acq: 12 Jun 2022 19:56

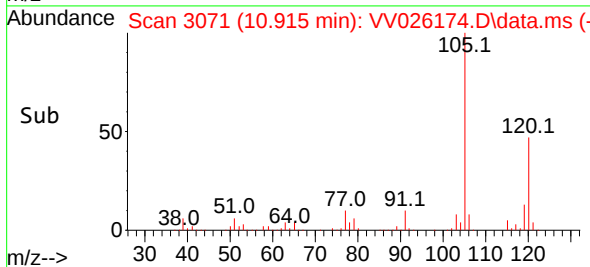
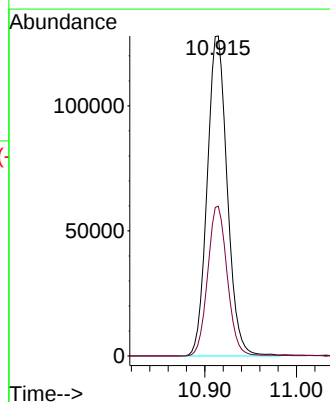
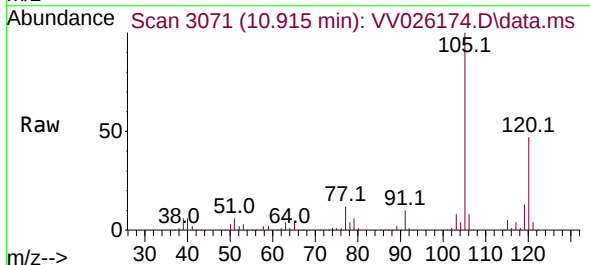
Instrument :
 MSVOA_V
 ClientSampleId :

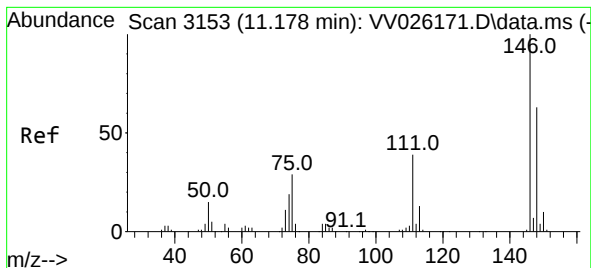
Tgt Ion:105 Resp: 191060
 Ion Ratio Lower Upper
 105 100
 120 50.0 40.1 60.1



#63
 1,2,4-Trimethylbenzene
 Concen: 5.156 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV026174.D
 Acq: 12 Jun 2022 19:56

Tgt Ion:105 Resp: 194261
 Ion Ratio Lower Upper
 105 100
 120 46.0 36.9 55.3





#64

1,3-Dichlorobenzene

Concen: 5.129 ug/L

RT: 11.182 min Scan# 3153

Delta R.T. 0.003 min

Lab File: VV026174.D

Acq: 12 Jun 2022 19:56

Instrument :

MSVOA_V

ClientSampleId :

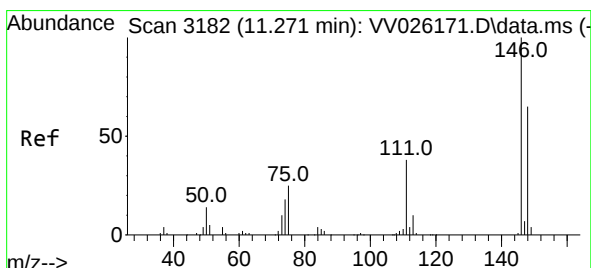
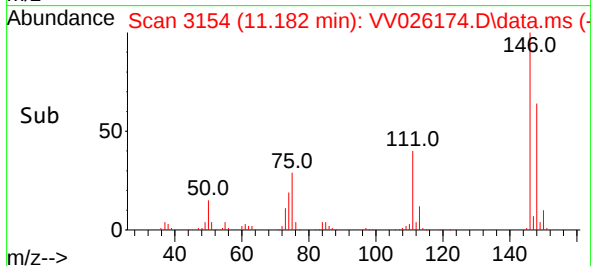
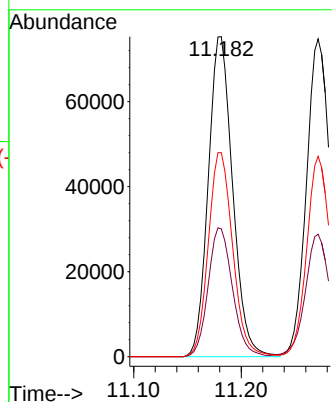
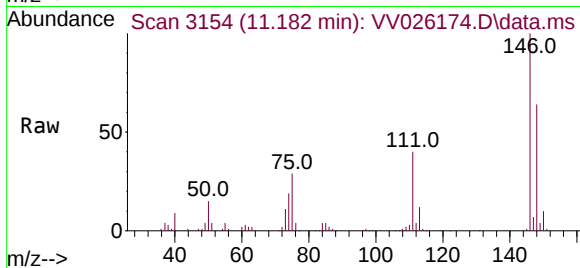
Tgt Ion:146 Resp: 118711

Ion Ratio Lower Upper

146 100

111 40.0 27.2 50.4

148 63.8 44.0 81.8



#65

1,4-Dichlorobenzene

Concen: 5.146 ug/L

RT: 11.272 min Scan# 3182

Delta R.T. 0.000 min

Lab File: VV026174.D

Acq: 12 Jun 2022 19:56

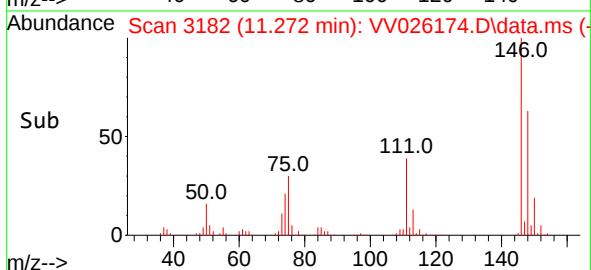
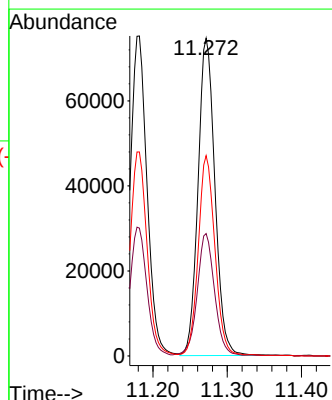
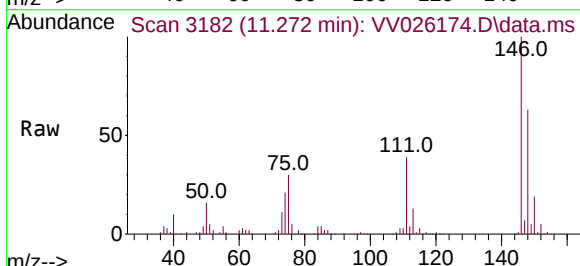
Tgt Ion:146 Resp: 118168

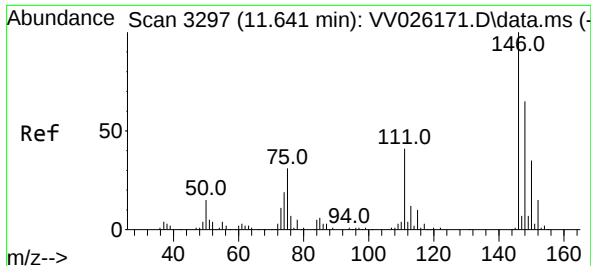
Ion Ratio Lower Upper

146 100

111 38.5 27.2 50.4

148 63.0 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 5.097 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026174.D

Acq: 12 Jun 2022 19:56

Instrument :

MSVOA_V

ClientSampleId :

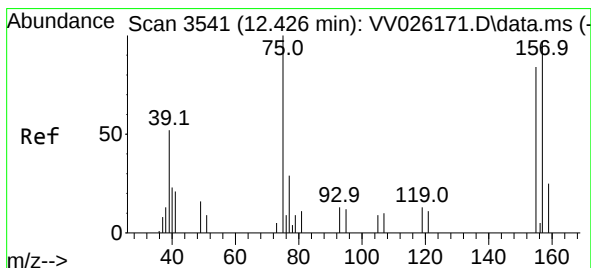
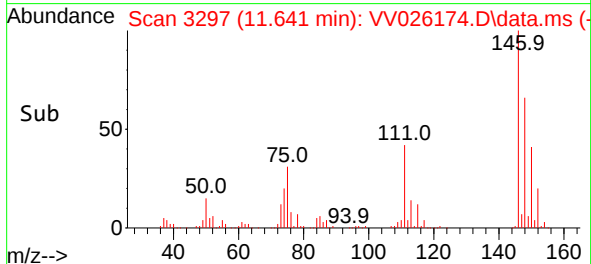
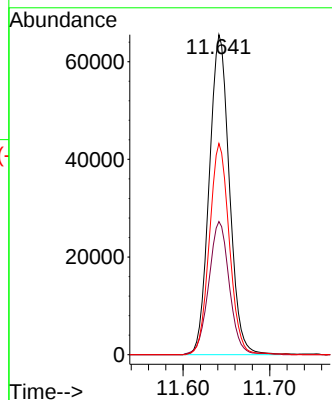
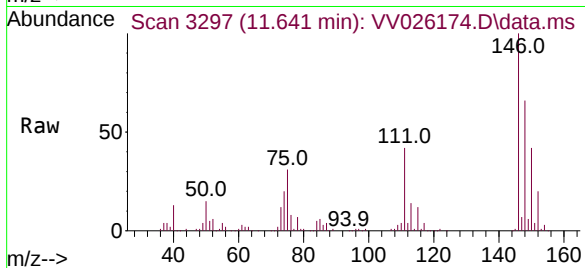
Tgt Ion:146 Resp: 105765

Ion Ratio Lower Upper

146 100

111 41.6 32.6 49.0

148 66.0 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.016 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026174.D

Acq: 12 Jun 2022 19:56

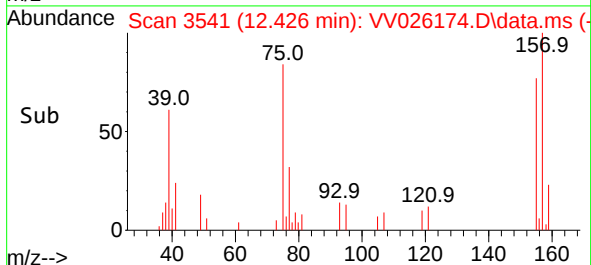
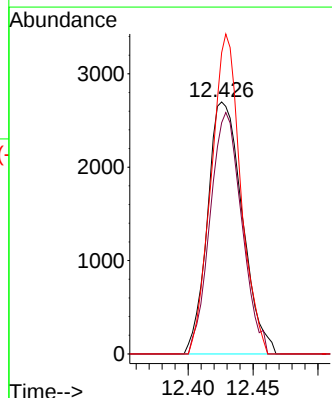
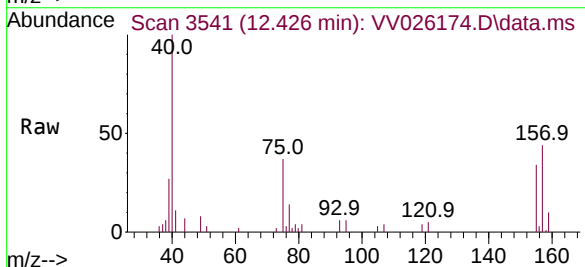
Tgt Ion: 75 Resp: 5013

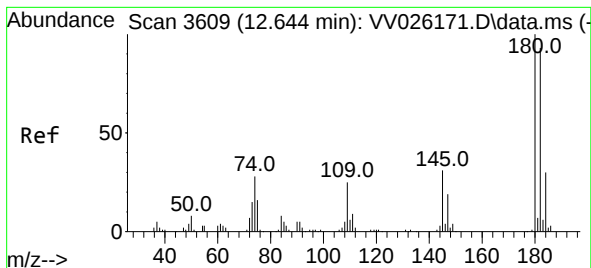
Ion Ratio Lower Upper

75 100

155 91.8 67.0 100.6

157 119.6 77.7 116.5#





#69

1,3,5-Trichlorobenzene

Concen: 4.974 ug/L

RT: 12.644 min Scan# 30

Delta R.T. 0.000 min

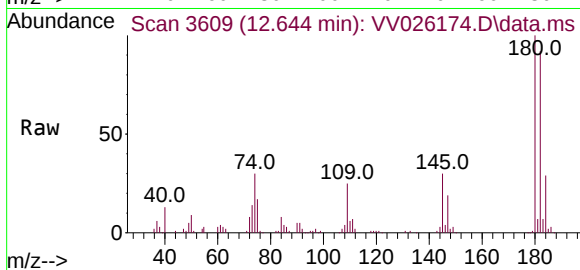
Lab File: VV026174.D

Acq: 12 Jun 2022 19:56

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 80916

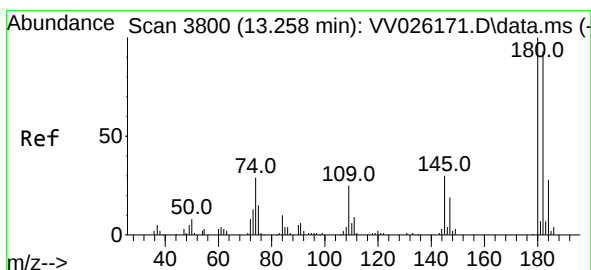
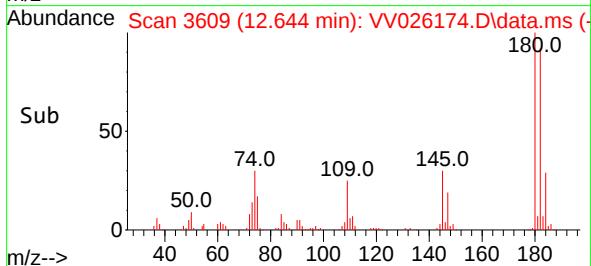
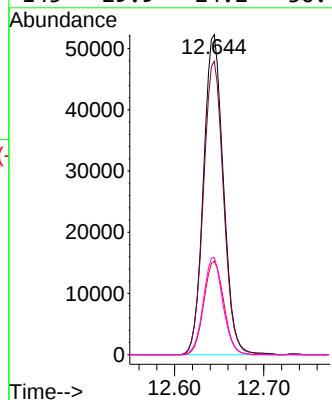
Ion Ratio Lower Upper

180 100

182 92.8 74.6 111.8

184 29.3 23.5 35.3

145 29.9 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 5.103 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV026174.D

Acq: 12 Jun 2022 19:56

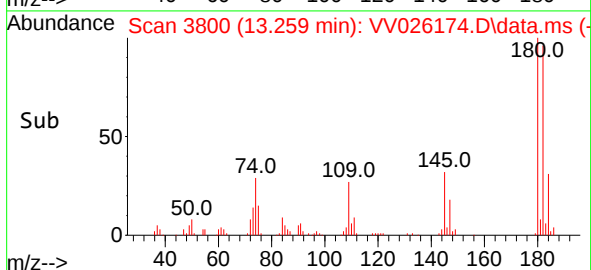
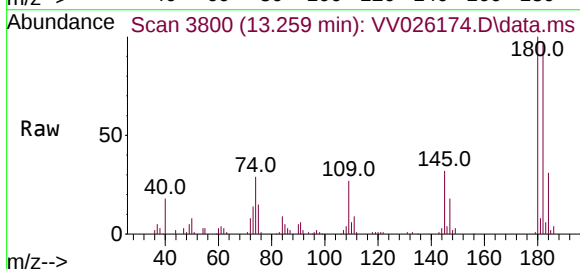
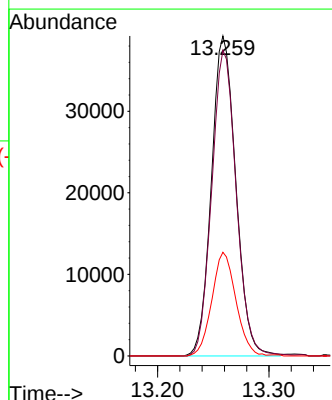
Tgt Ion:180 Resp: 59757

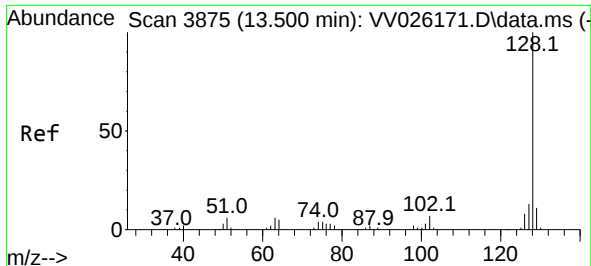
Ion Ratio Lower Upper

180 100

182 95.7 75.8 113.6

145 32.0 23.8 35.8

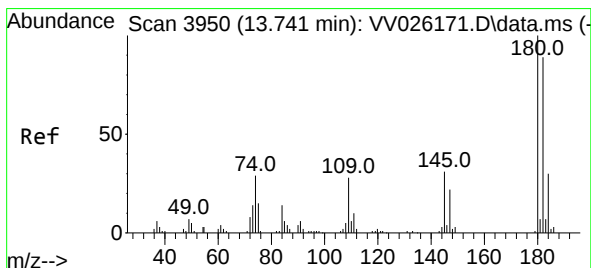
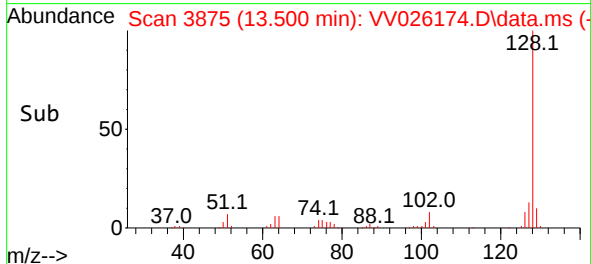
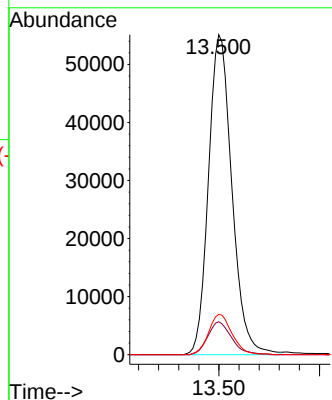
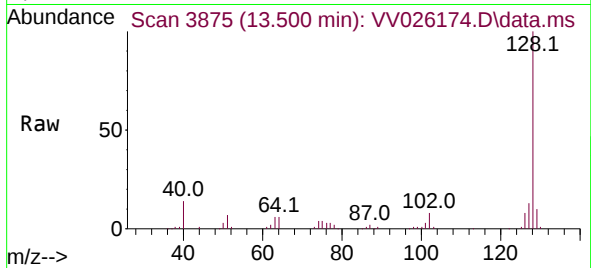




#71
Naphthalene
Concen: 5.444 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026174.D
Acq: 12 Jun 2022 19:56

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 89123
Ion Ratio Lower Upper
128 100
129 10.4 9.0 13.4
127 12.6 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 5.242 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026174.D
Acq: 12 Jun 2022 19:56

Tgt Ion:180 Resp: 50685
Ion Ratio Lower Upper
180 100
182 96.8 72.3 108.5
145 33.0 25.4 38.0

