

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061122\
 Data File : VW026141.D
 Acq On : 11 Jun 2022 20:08
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 13 01:22:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:15:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	186219	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	173133	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	87930	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	51378	4.700	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.000%
7) Chloroethane-d5	1.581	69	58488	5.118	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.400%
11) 1,1-Dichloroethene-d2	2.124	63	116670	4.621	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	3.918	46	112042	69.300	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	138.600%#
24) Chloroform-d	4.359	84	121988	5.265	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.040	65	50821	5.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.600%
32) Benzene-d6	5.056	84	230016	5.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.000%
36) 1,2-Dichloropropane-d6	6.076	67	70301	5.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.600%
41) Toluene-d8	7.317	98	201655	5.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
43) trans-1,3-Dichloroprop...	7.625	79	17377	4.560	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.092	63	88853	52.986	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.980%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	46594	5.339	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	66055	4.910	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.143	85	73689	4.021	ug/L	98
3) Chloromethane	1.253	50	92316	4.498	ug/L	100
5) Vinyl chloride	1.323	62	89453	4.174	ug/L	98
6) Bromomethane	1.536	94	51110	4.114	ug/L	99
8) Chloroethane	1.600	64	56848	4.313	ug/L	100
9) Trichlorofluoromethane	1.767	101	113746	4.164	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.130	101	60825	3.908	ug/L	99
12) 1,1-Dichloroethene	2.130	96	62320	4.160	ug/L	93
13) Acetone	2.214	43	76143	59.052	ug/L	75
14) Carbon disulfide	2.307	76	168550	3.944	ug/L	99
15) Methyl Acetate	2.458	43	17156	4.071	ug/L #	79
16) Methylene chloride	2.523	84	66199	4.436	ug/L	98
17) Methyl tert-butyl Ether	2.783	73	122780	5.049	ug/L	98
18) trans-1,2-Dichloroethene	2.774	96	61190	4.332	ug/L	99
19) 1,1-Dichloroethane	3.204	63	120538	4.691	ug/L	98
21) 2-Butanone	4.002	43	108918	64.847	ug/L	94
22) cis-1,2-Dichloroethene	3.925	96	64347	4.622	ug/L	97
23) Bromochloromethane	4.262	128	27215	4.650	ug/L	96
25) Chloroform	4.388	83	124996	4.739	ug/L	97

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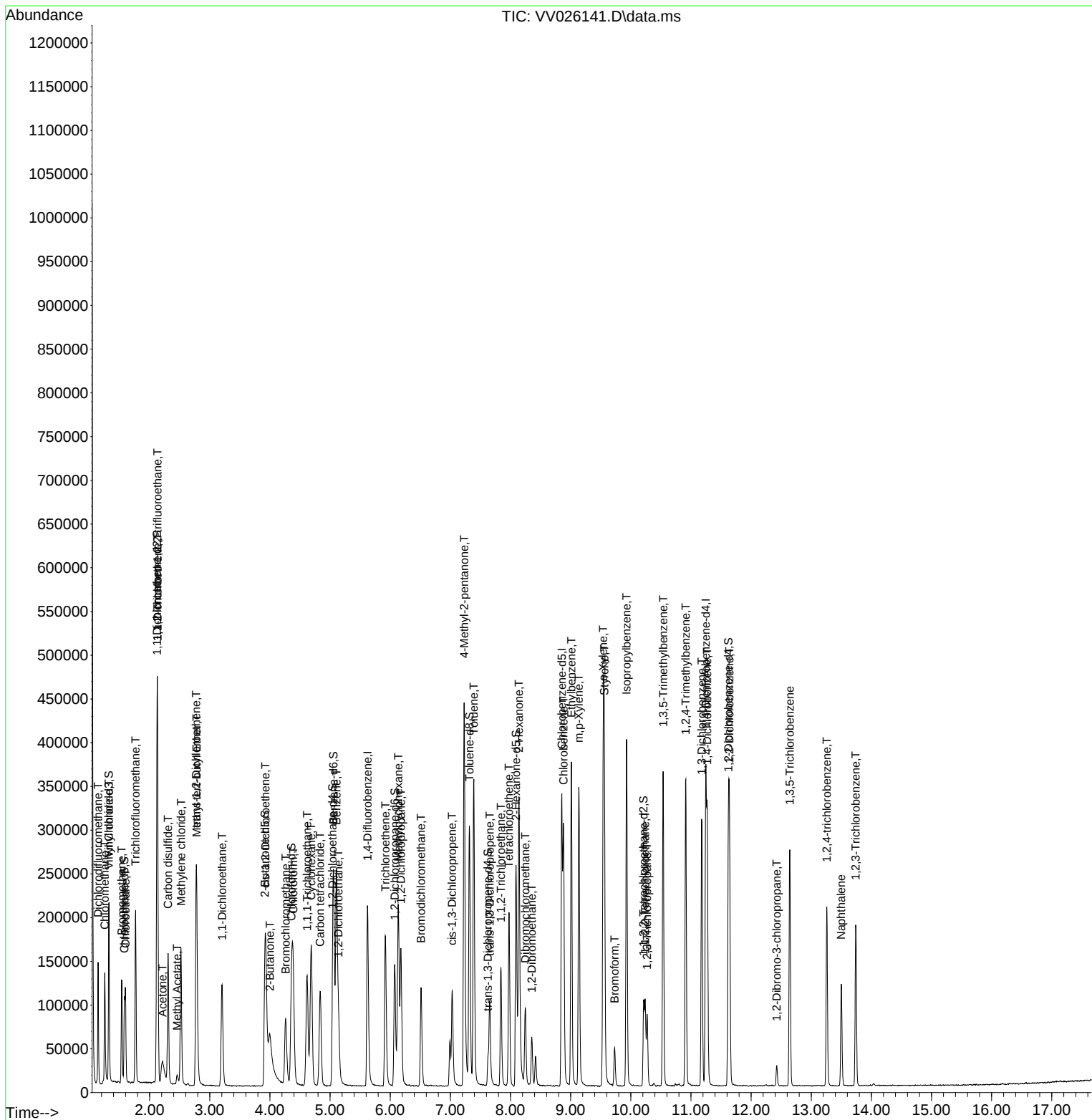
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 ClientSampleId :

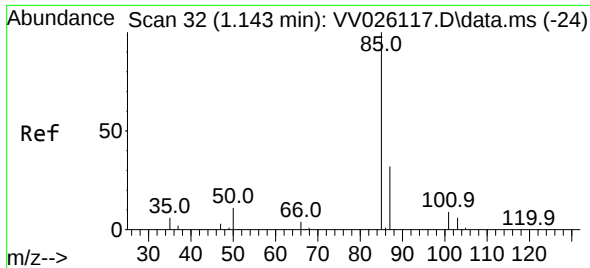
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.140	62	63383	4.860	ug/L	97
29) 1,1,1-Trichloroethane	4.619	97	102765	4.523	ug/L	99
30) Cyclohexane	4.687	56	79827	4.040	ug/L	98
31) Carbon tetrachloride	4.835	117	81386	4.362	ug/L	100
33) Benzene	5.108	78	256621	4.717	ug/L	100
34) Trichloroethene	5.921	95	62642	4.407	ug/L	98
35) Methylcyclohexane	6.137	83	82995	3.788	ug/L	99
37) 1,2-Dichloropropane	6.179	63	64709	4.907	ug/L	99
38) Bromodichloromethane	6.513	83	78024	4.898	ug/L	99
39) cis-1,3-Dichloropropene	7.031	75	70993	4.369	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	296274	55.002	ug/L	98
42) Toluene	7.391	91	263269	4.631	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	58443	4.591	ug/L	99
45) 1,1,2-Trichloroethane	7.841	97	43176	5.042	ug/L	97
47) Tetrachloroethene	7.976	164	43995	3.998	ug/L	99
48) 2-Hexanone	8.140	43	213890	55.940	ug/L	99
49) Dibromochloromethane	8.246	129	45408	4.858	ug/L	94
50) 1,2-Dibromoethane	8.355	107	36855	4.837	ug/L	98
51) Chlorobenzene	8.883	112	161734	4.371	ug/L	98
52) Ethylbenzene	9.011	91	255378	4.286	ug/L	100
53) m,p-Xylene	9.137	106	99479	4.319	ug/L	99
54) o-Xylene	9.542	106	96776	4.420	ug/L	99
55) Styrene	9.561	104	169313	4.617	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	46980	5.125	ug/L	99
59) Bromoform	9.731	173	19688	4.773	ug/L	99
60) Isopropylbenzene	9.931	105	252745	4.325	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	34387	5.010	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	191345	4.135	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	191192	4.149	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	122491	4.412	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	121479	4.297	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	108610	4.424	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6101	5.002	ug/L	97
69) 1,3,5-Trichlorobenzene	12.645	180	79763	3.968	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	60774	4.055	ug/L	100
71) Naphthalene	13.500	128	92560	4.347	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	53826	4.243	ug/L	98

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

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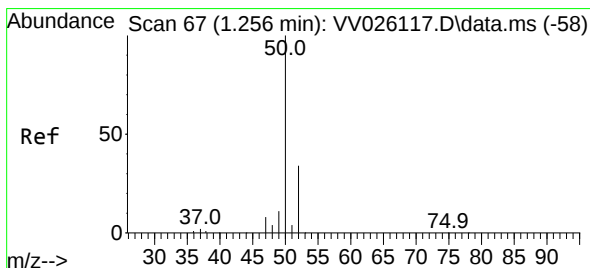
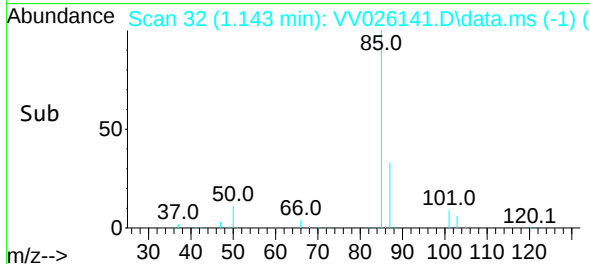
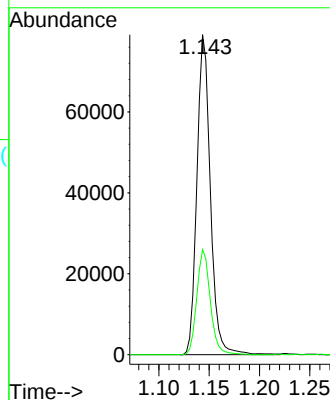
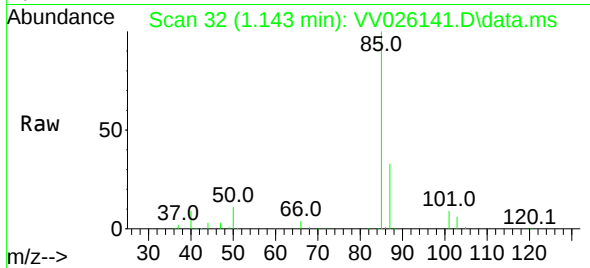




#2
 Dichlorodifluoromethane
 Concen: 4.021 ug/L
 RT: 1.143 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV026141.D
 Acq: 11 Jun 2022 20:08

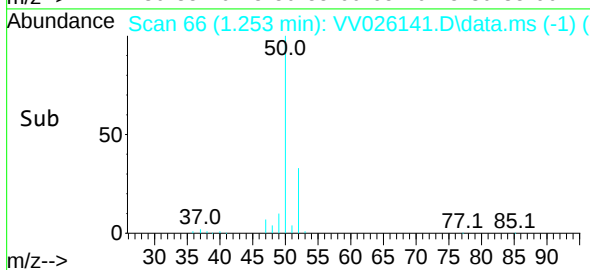
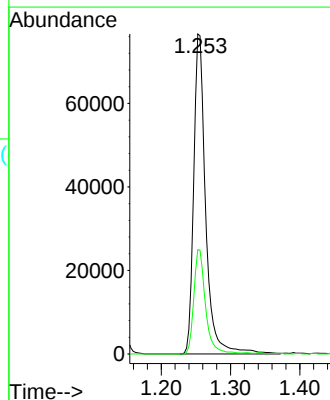
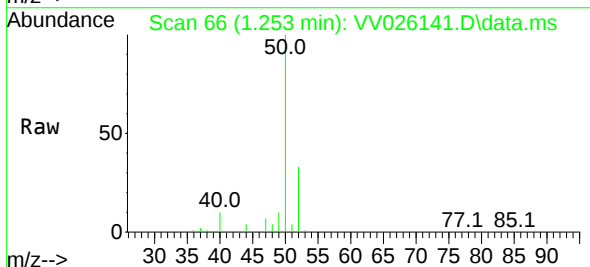
Instrument :
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 ClientSampleId :

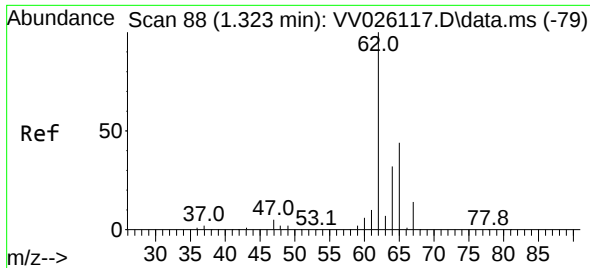
Tgt Ion: 85 Resp: 73689
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.3 37.9



#3
 Chloromethane
 Concen: 4.498 ug/L
 RT: 1.253 min Scan# 66
 Delta R.T. -0.003 min
 Lab File: VV026141.D
 Acq: 11 Jun 2022 20:08

Tgt Ion: 50 Resp: 92316
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.0 42.6

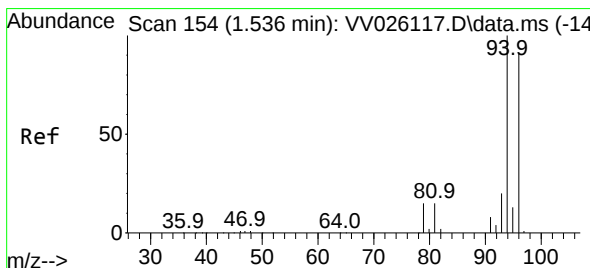
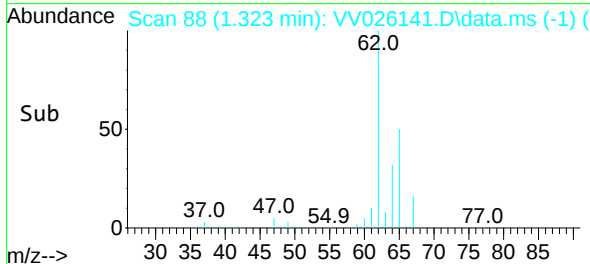
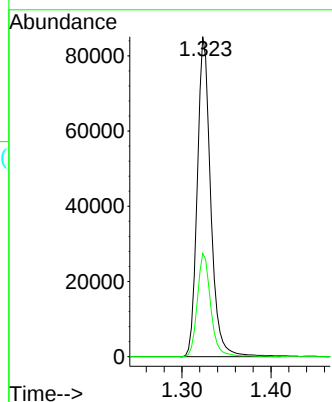
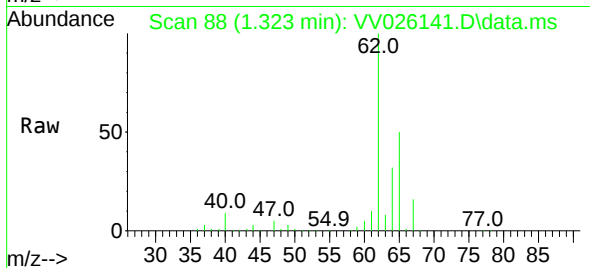




#5
 Vinyl chloride
 Concen: 4.174 ug/L
 RT: 1.323 min Scan# 88
 Delta R.T. 0.000 min
 Lab File: VV026141.D
 Acq: 11 Jun 2022 20:08

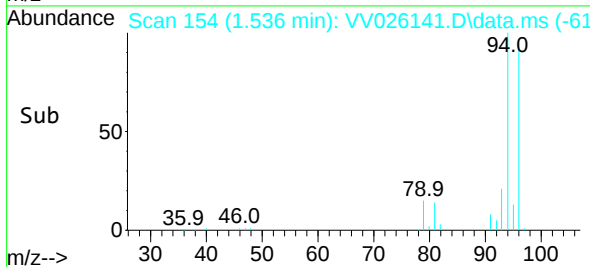
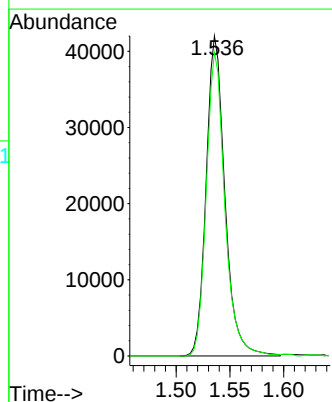
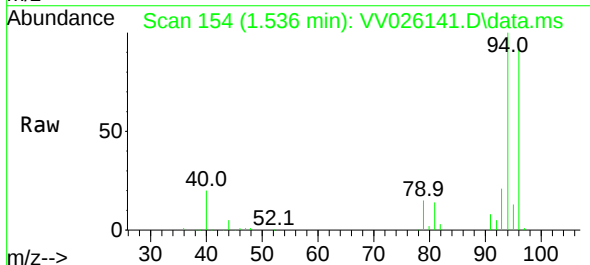
Instrument :
 MSVOA_V
 ClientSampleId :

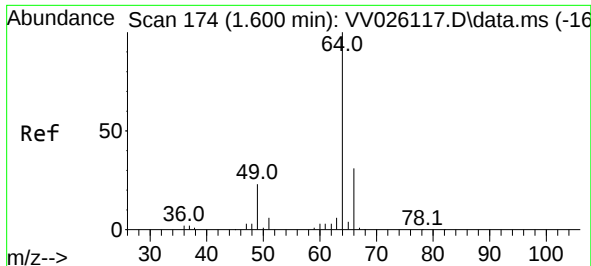
Tgt Ion: 62 Resp: 89453
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.4 43.4



#6
 Bromomethane
 Concen: 4.114 ug/L
 RT: 1.536 min Scan# 154
 Delta R.T. 0.000 min
 Lab File: VV026141.D
 Acq: 11 Jun 2022 20:08

Tgt Ion: 94 Resp: 51110
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.5 121.6

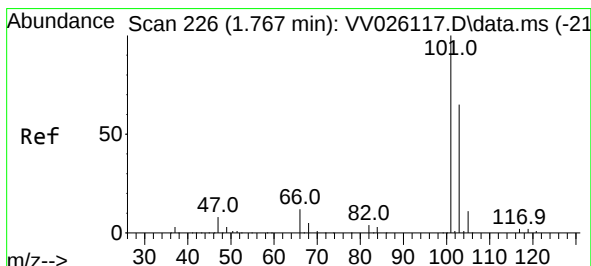
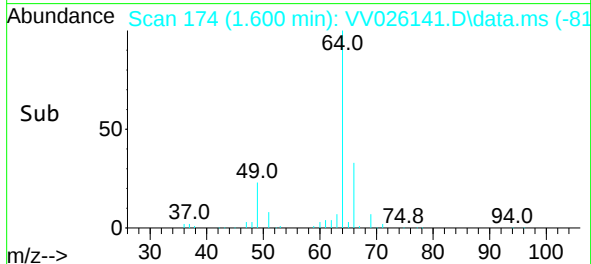
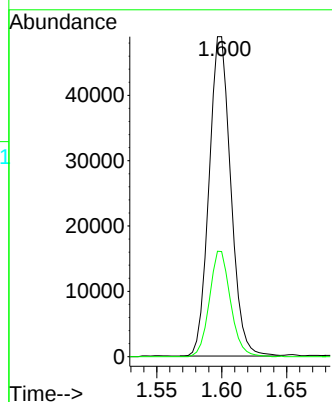
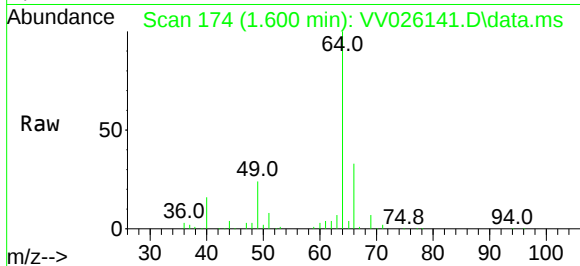




#8
Chloroethane
Concen: 4.313 ug/L
RT: 1.600 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026141.D
Acq: 11 Jun 2022 20:08

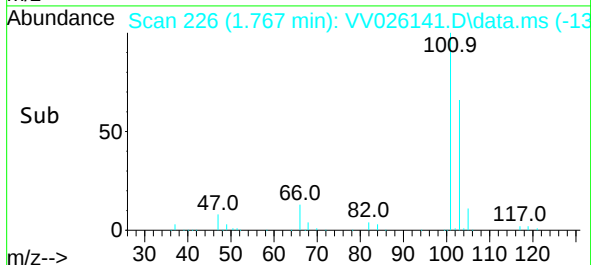
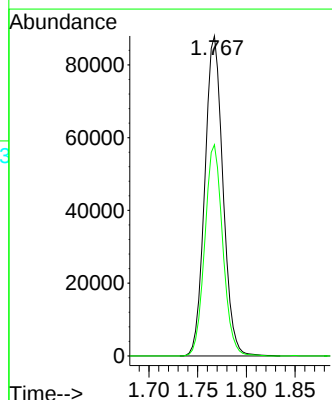
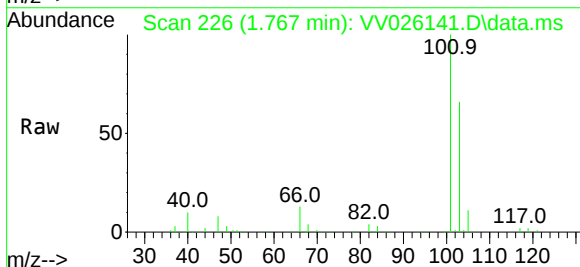
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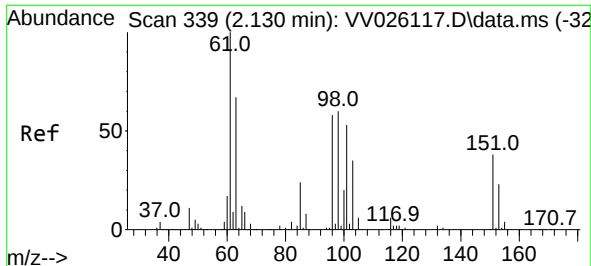
Tgt Ion: 64 Resp: 56848
Ion Ratio Lower Upper
64 100
66 32.9 23.0 42.8



#9
Trichlorofluoromethane
Concen: 4.164 ug/L
RT: 1.767 min Scan# 226
Delta R.T. 0.000 min
Lab File: VV026141.D
Acq: 11 Jun 2022 20:08

Tgt Ion:101 Resp: 113746
Ion Ratio Lower Upper
101 100
103 65.3 52.6 78.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 3.908 ug/L

RT: 2.130 min Scan# 339

Delta R.T. 0.000 min

Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :

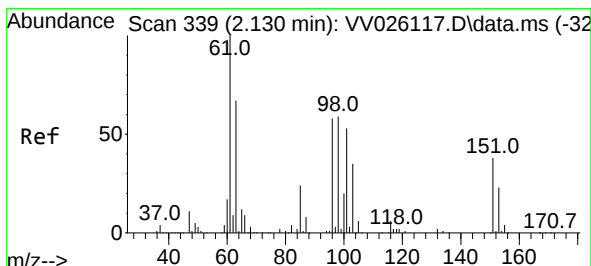
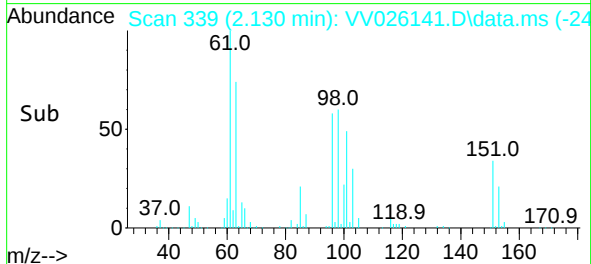
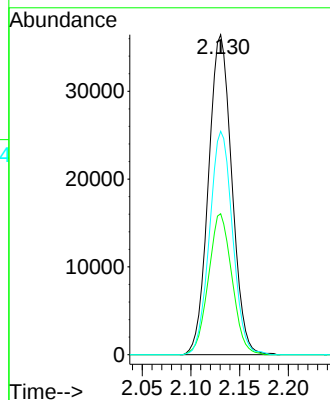
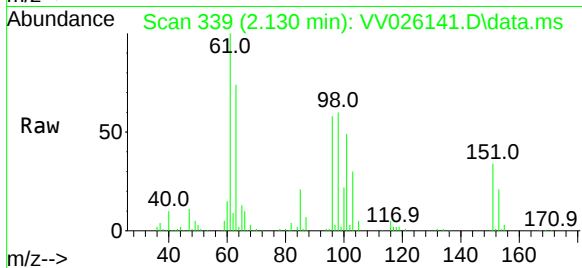
Tgt Ion:101 Resp: 60825

Ion Ratio Lower Upper

101 100

85 44.3 35.6 53.4

151 69.0 56.4 84.6



#12

1,1-Dichloroethene

Concen: 4.160 ug/L

RT: 2.130 min Scan# 339

Delta R.T. 0.000 min

Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

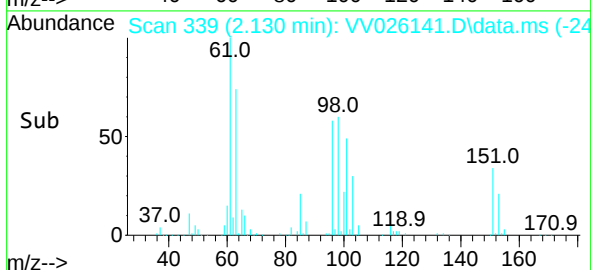
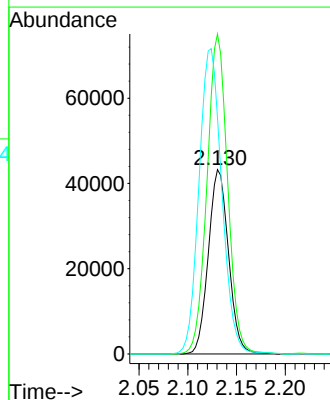
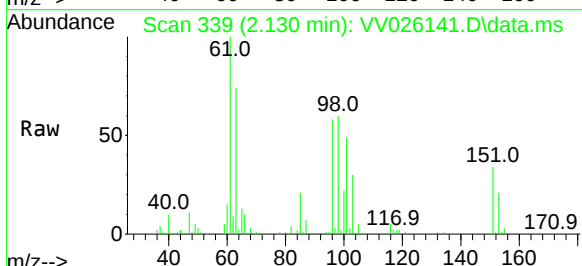
Tgt Ion: 96 Resp: 62320

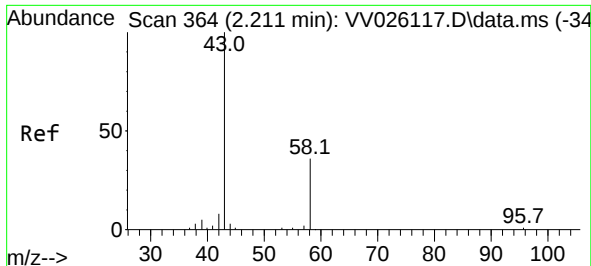
Ion Ratio Lower Upper

96 100

61 173.6 122.6 227.6

63 128.3 78.5 145.9





#13

Acetone

Concen: 59.052 ug/L

RT: 2.214 min Scan# 3

Delta R.T. 0.003 min

Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

Instrument :

MSVOA_V

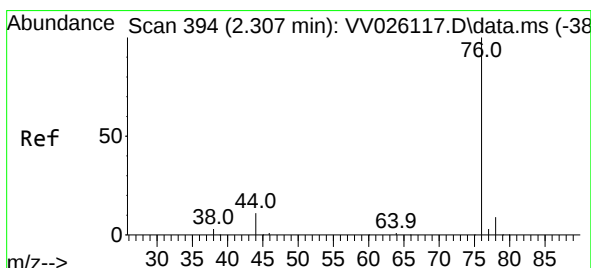
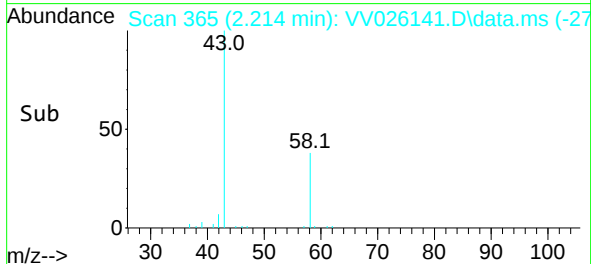
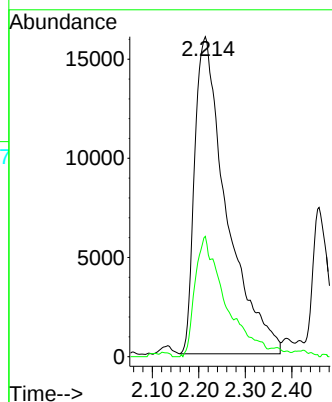
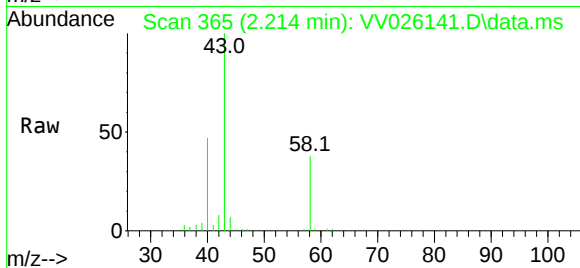
ClientSampleId :

Tgt Ion: 43 Resp: 76143

Ion Ratio Lower Upper

43 100

58 36.1 0.0 47.6



#14

Carbon disulfide

Concen: 3.944 ug/L

RT: 2.307 min Scan# 394

Delta R.T. 0.000 min

Lab File: VV026141.D

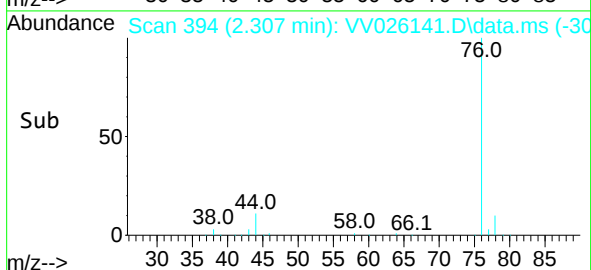
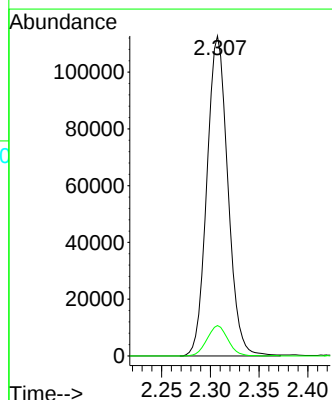
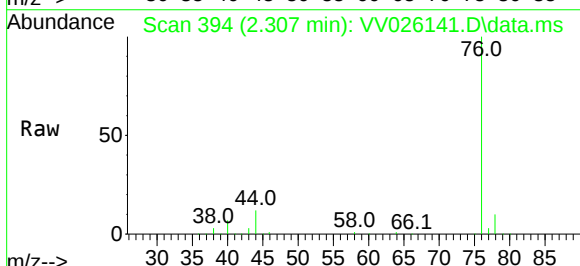
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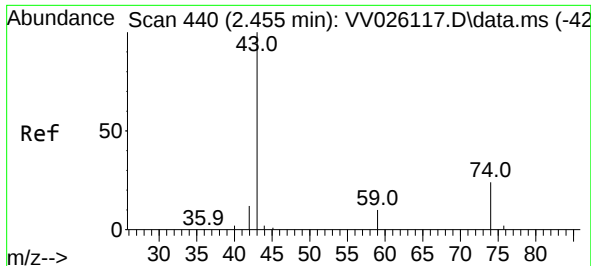
Tgt Ion: 76 Resp: 168550

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0

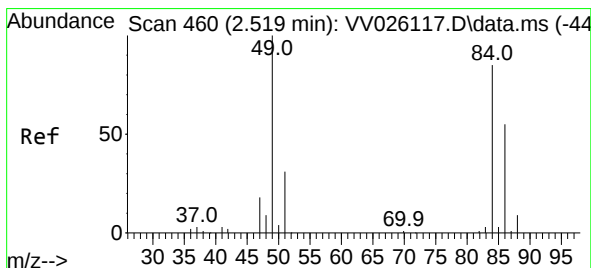
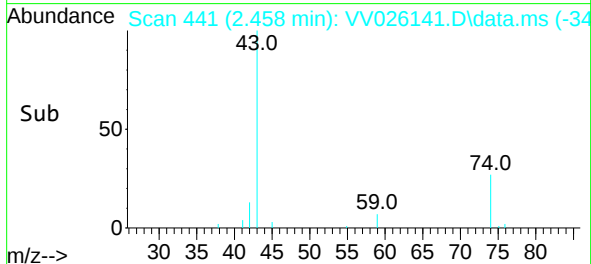
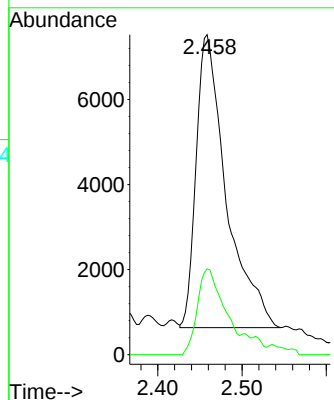
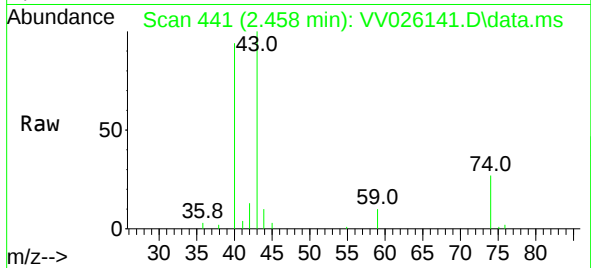




#15
Methyl Acetate
Concen: 4.071 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV026141.D
Acq: 11 Jun 2022 20:08

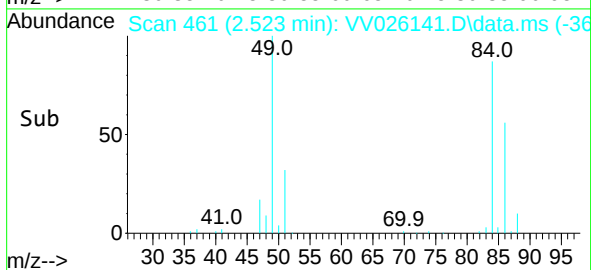
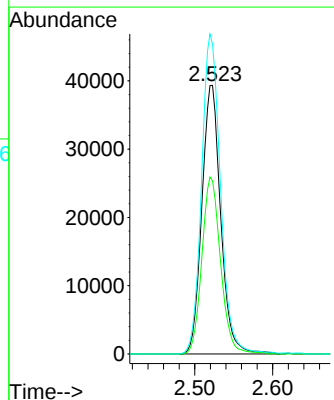
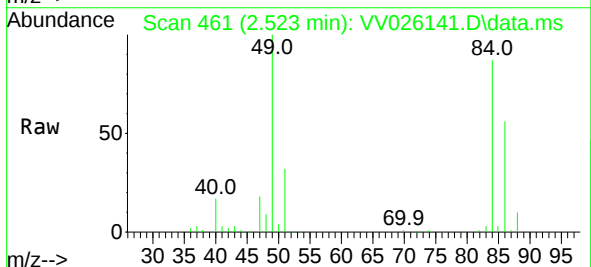
Instrument :
MSVOA_V
ClientSampleId :

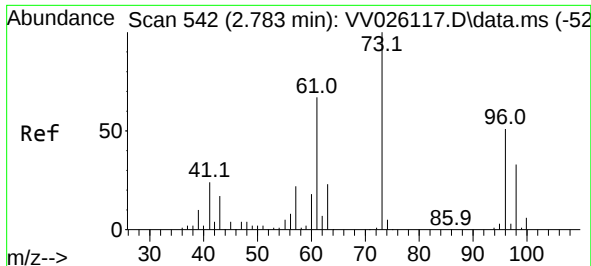
Tgt Ion: 43 Resp: 17156
Ion Ratio Lower Upper
43 100
74 25.8 13.3 19.9#



#16
Methylene chloride
Concen: 4.436 ug/L
RT: 2.523 min Scan# 461
Delta R.T. 0.003 min
Lab File: VV026141.D
Acq: 11 Jun 2022 20:08

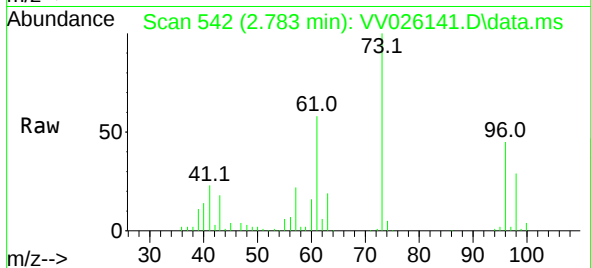
Tgt Ion: 84 Resp: 66199
Ion Ratio Lower Upper
84 100
86 64.5 45.6 84.6
49 115.4 82.9 153.9



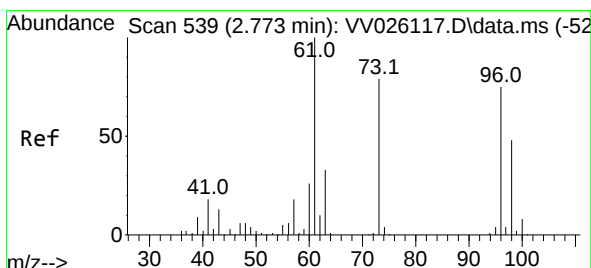
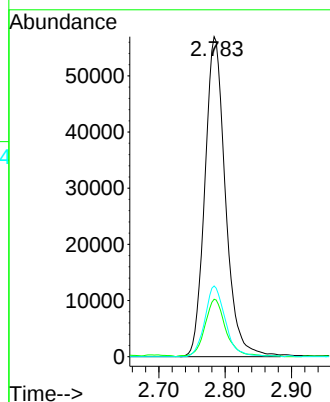
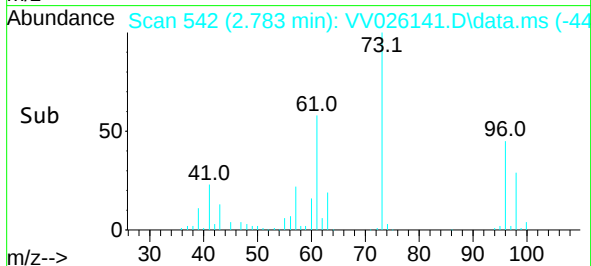


#17
Methyl tert-butyl Ether
Concen: 5.049 ug/L
RT: 2.783 min Scan# 542
Delta R.T. 0.000 min
Lab File: VV026141.D
Acq: 11 Jun 2022 20:08

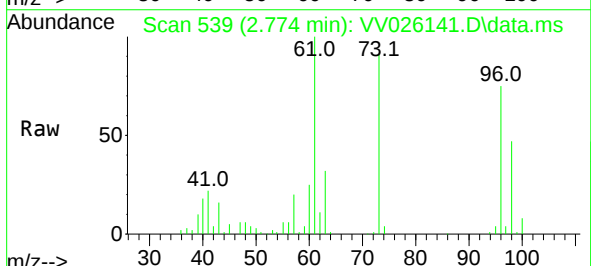
Instrument :
MSVOA_V
ClientSampleId :



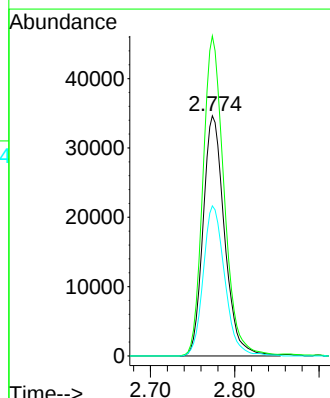
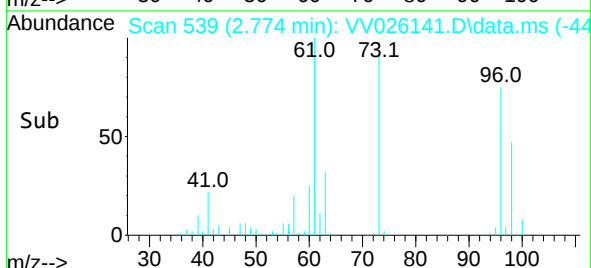
Tgt Ion: 73 Resp: 122780
Ion Ratio Lower Upper
73 100
43 18.6 13.7 20.5
57 21.9 17.8 26.6

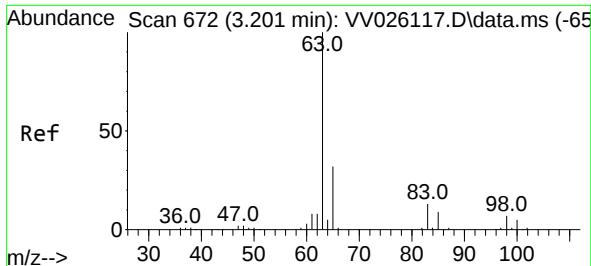


#18
trans-1,2-Dichloroethene
Concen: 4.332 ug/L
RT: 2.774 min Scan# 539
Delta R.T. 0.000 min
Lab File: VV026141.D
Acq: 11 Jun 2022 20:08



Tgt Ion: 96 Resp: 61190
Ion Ratio Lower Upper
96 100
61 133.2 94.3 175.1
98 62.5 44.4 82.5





#19

1,1-Dichloroethane

Concen: 4.691 ug/L

RT: 3.204 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :

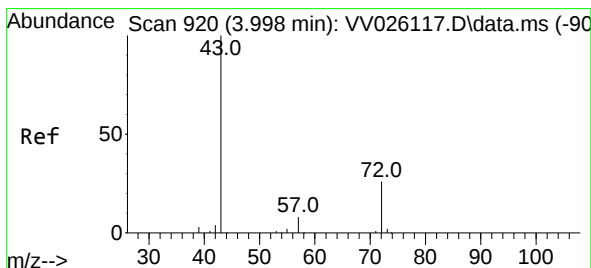
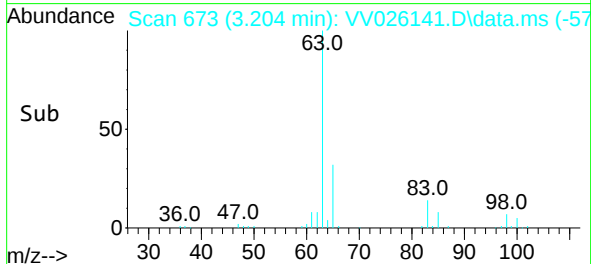
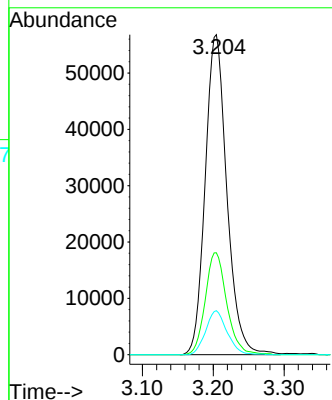
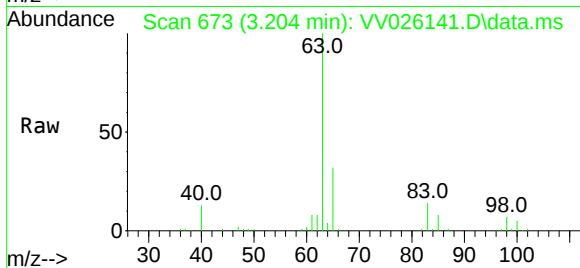
Tgt Ion: 63 Resp: 120538

Ion Ratio Lower Upper

63 100

65 31.8 23.1 42.9

83 13.7 9.7 18.1



#21

2-Butanone

Concen: 64.847 ug/L

RT: 4.002 min Scan# 921

Delta R.T. 0.003 min

Lab File: VV026141.D

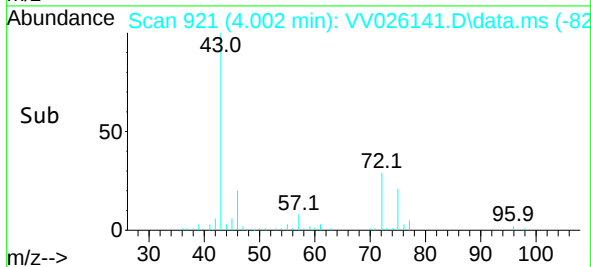
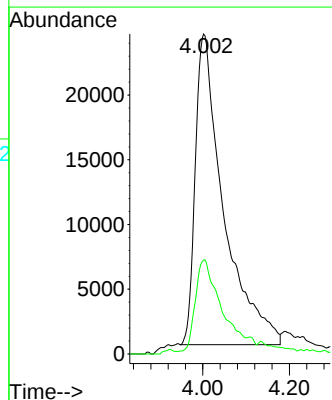
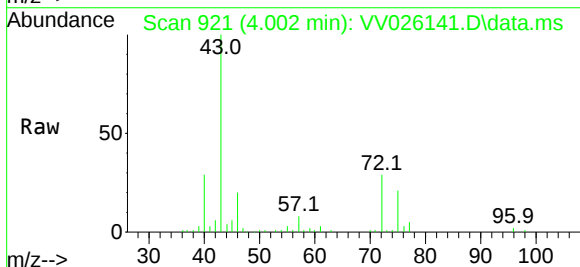
Acq: 11 Jun 2022 20:08

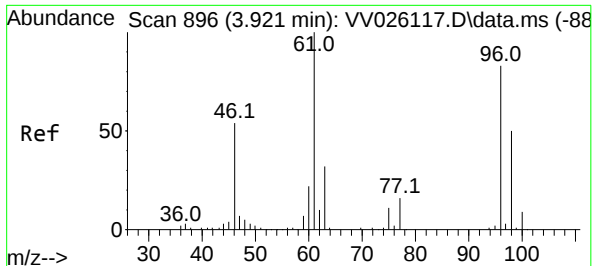
Tgt Ion: 43 Resp: 108918

Ion Ratio Lower Upper

43 100

72 26.6 11.9 35.7





#22

cis-1,2-Dichloroethene

Concen: 4.622 ug/L

RT: 3.925 min Scan# 89

Delta R.T. 0.003 min

Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :

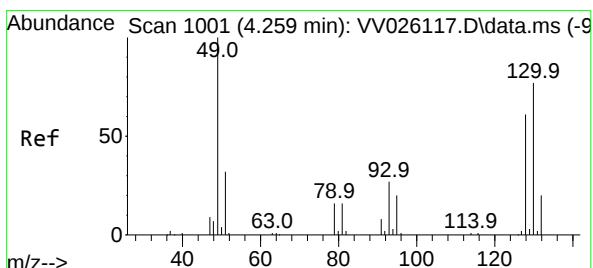
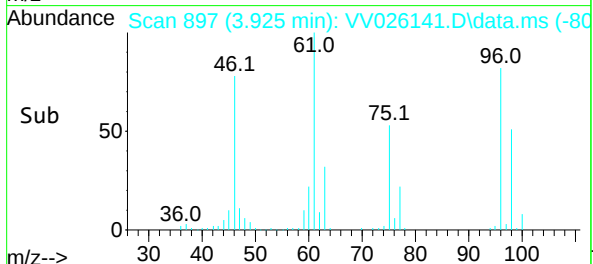
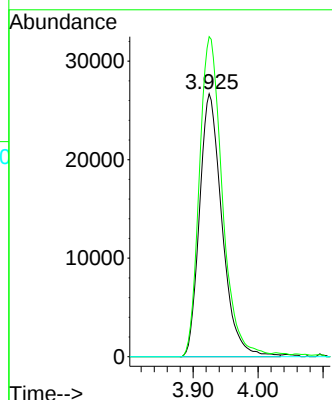
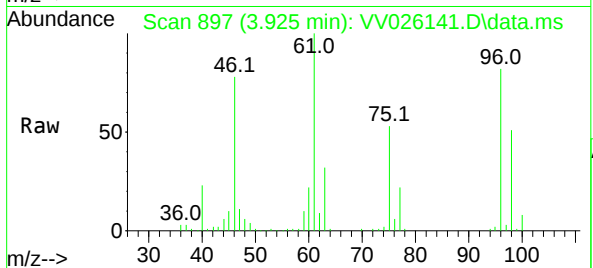
Tgt Ion: 96 Resp: 64347

Ion Ratio Lower Upper

96 100

61 121.7 83.1 154.3

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 4.650 ug/L

RT: 4.262 min Scan# 1002

Delta R.T. 0.003 min

Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

Tgt Ion:128 Resp: 27215

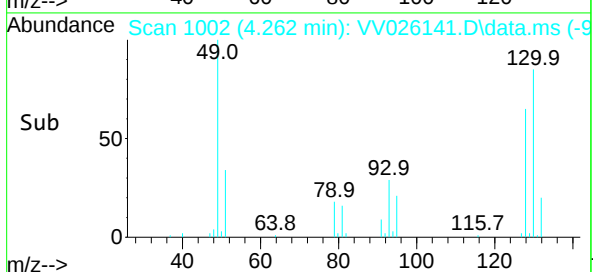
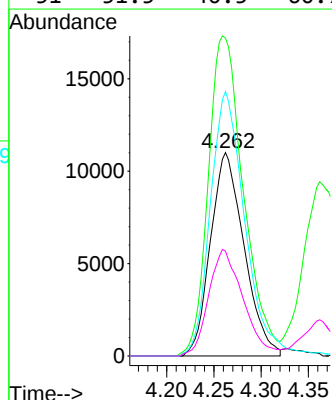
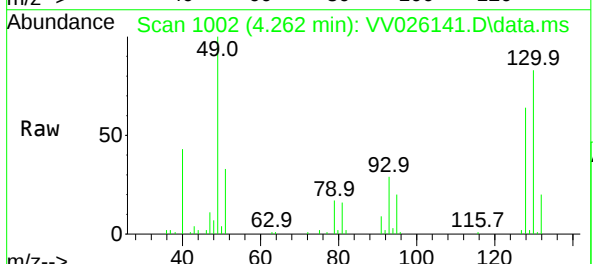
Ion Ratio Lower Upper

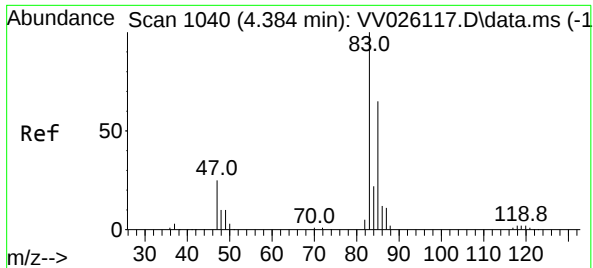
128 100

49 156.3 112.8 209.4

130 129.9 87.4 162.4

51 51.5 40.5 60.7





#25

Chloroform

Concen: 4.739 ug/L

RT: 4.388 min Scan# 1041

Delta R.T. 0.003 min

Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

Instrument :

MSVOA_V

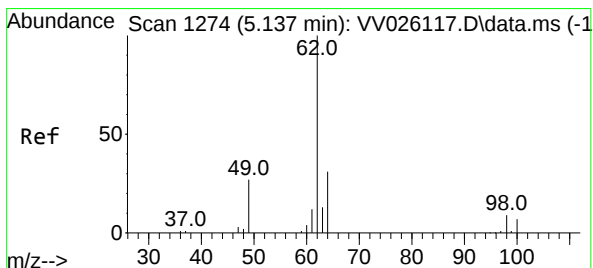
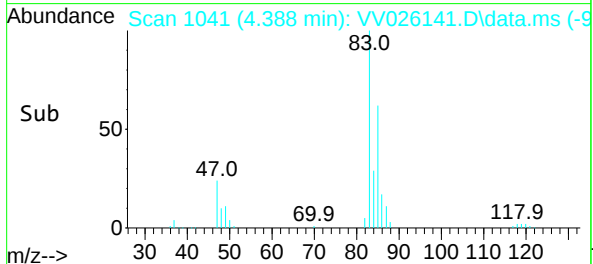
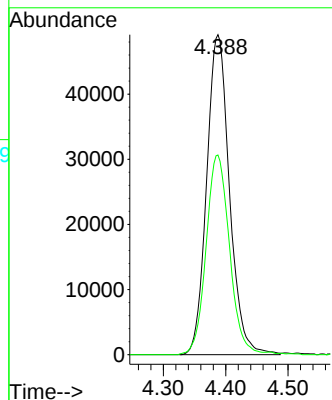
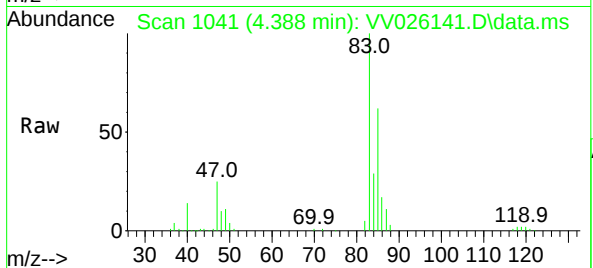
ClientSampleId :

Tgt Ion: 83 Resp: 124996

Ion Ratio Lower Upper

83 100

85 62.4 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.860 ug/L

RT: 5.140 min Scan# 1275

Delta R.T. 0.003 min

Lab File: VV026141.D

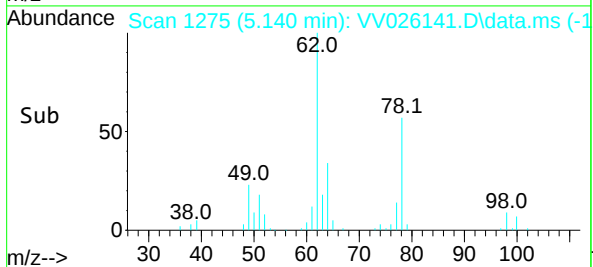
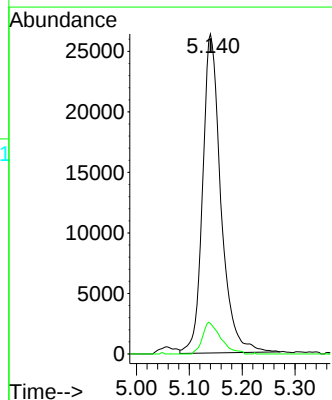
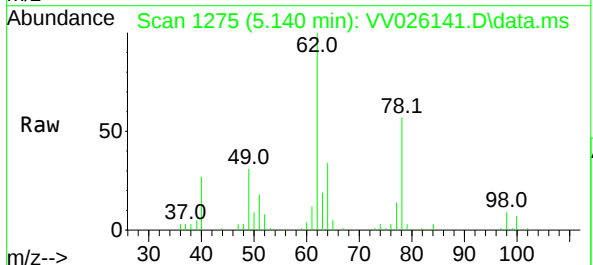
Acq: 11 Jun 2022 20:08

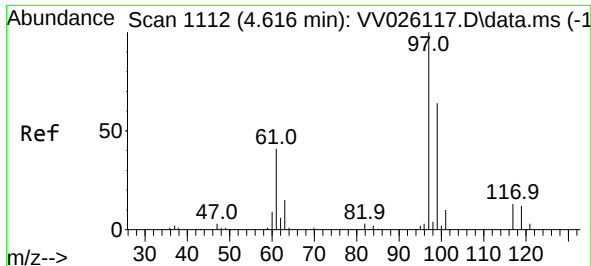
Tgt Ion: 62 Resp: 63383

Ion Ratio Lower Upper

62 100

98 9.5 8.5 12.7





#29

1,1,1-Trichloroethane

Concen: 4.523 ug/L

RT: 4.619 min Scan# 1112

Delta R.T. 0.003 min

Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :

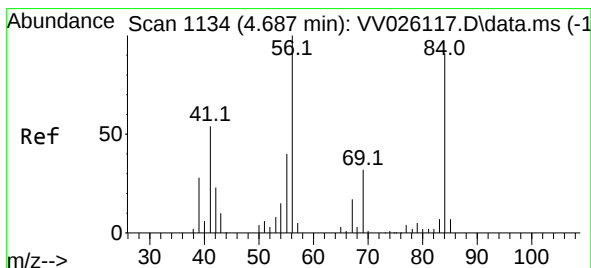
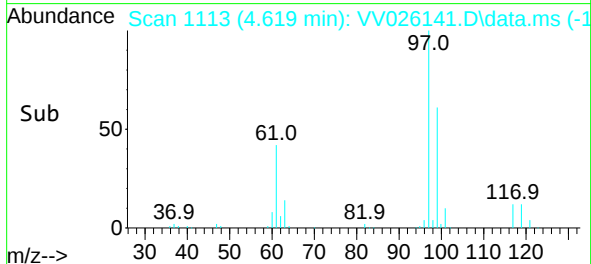
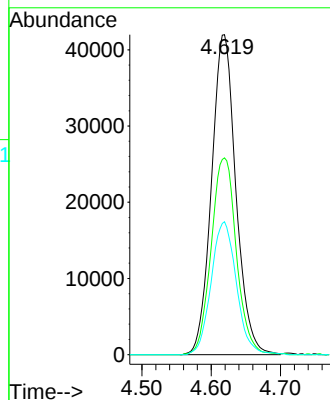
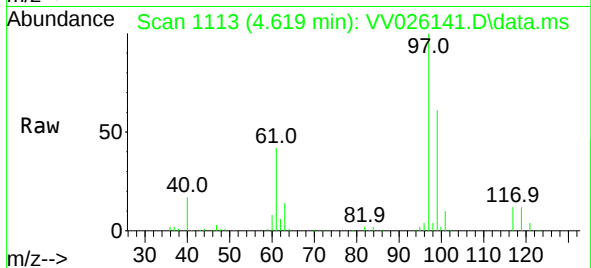
Tgt Ion: 97 Resp: 102765

Ion Ratio Lower Upper

97 100

99 63.6 51.4 77.0

61 43.1 34.9 52.3



#30

Cyclohexane

Concen: 4.040 ug/L

RT: 4.687 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

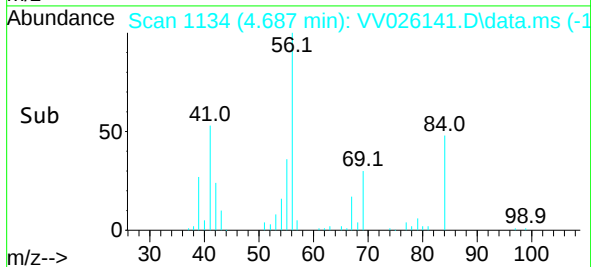
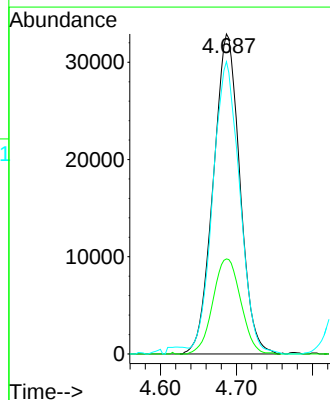
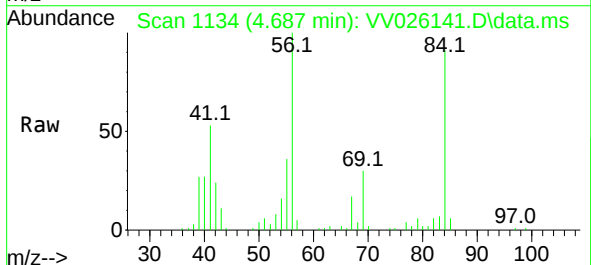
Tgt Ion: 56 Resp: 79827

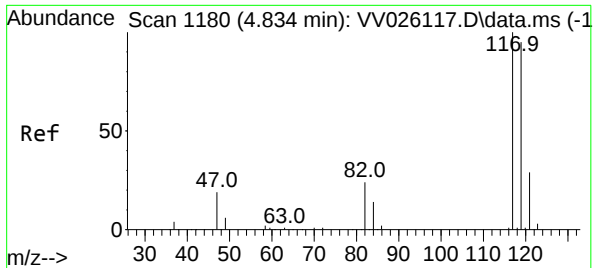
Ion Ratio Lower Upper

56 100

69 31.1 25.1 37.7

84 92.5 72.2 108.4

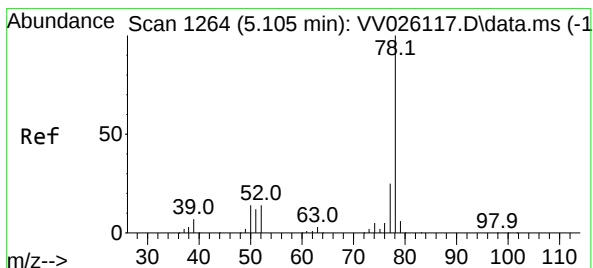
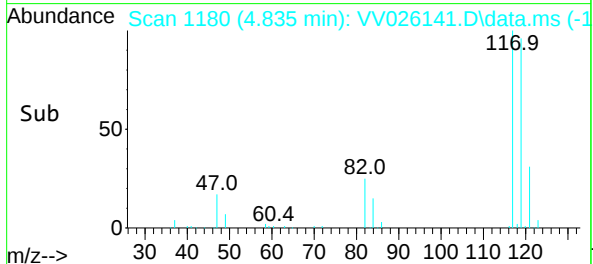
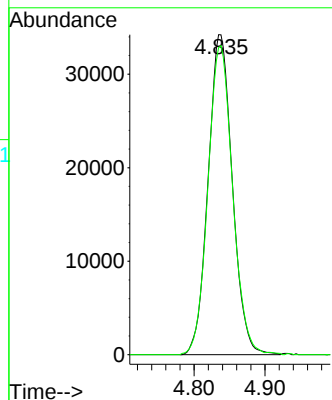
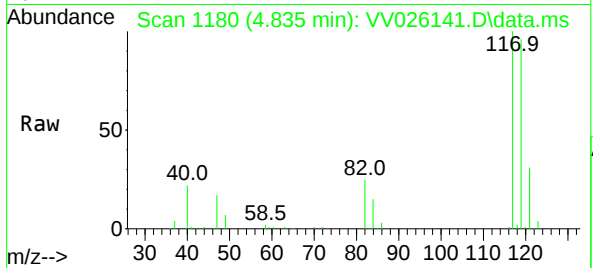




#31
Carbon tetrachloride
Concen: 4.362 ug/L
RT: 4.835 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VV026141.D
Acq: 11 Jun 2022 20:08

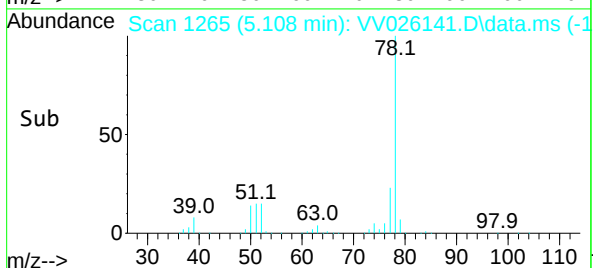
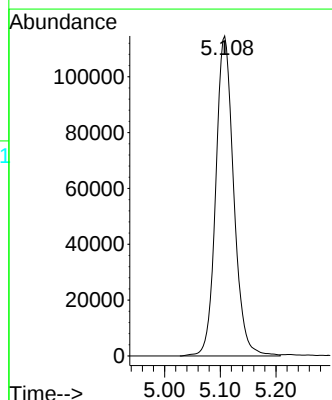
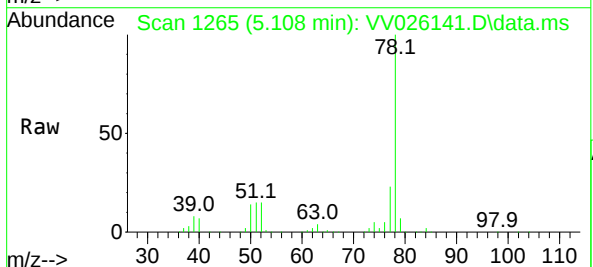
Instrument :
MSVOA_V
ClientSampleId :

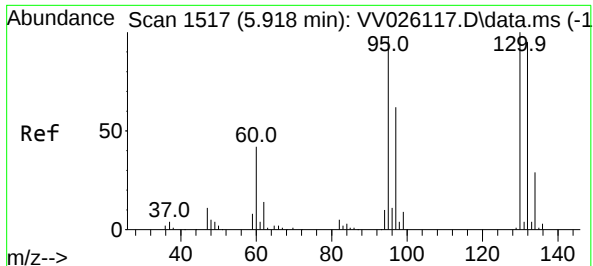
Tgt Ion:117 Resp: 81386
Ion Ratio Lower Upper
117 100
119 98.1 78.7 118.1



#33
Benzene
Concen: 4.717 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.003 min
Lab File: VV026141.D
Acq: 11 Jun 2022 20:08

Tgt Ion: 78 Resp: 256621





#34

Trichloroethene

Concen: 4.407 ug/L

RT: 5.921 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 62642

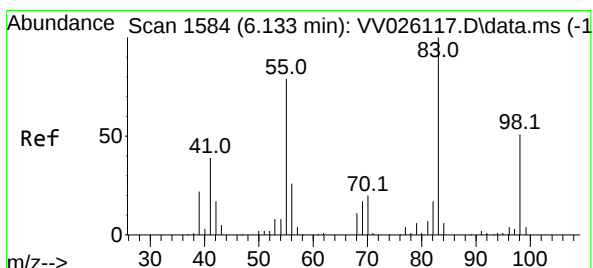
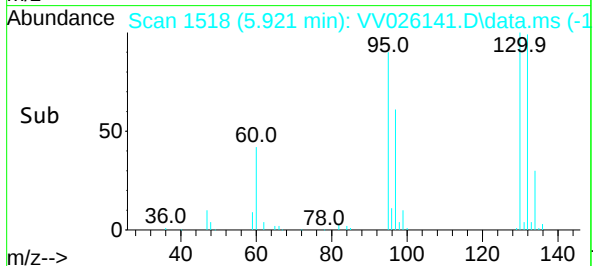
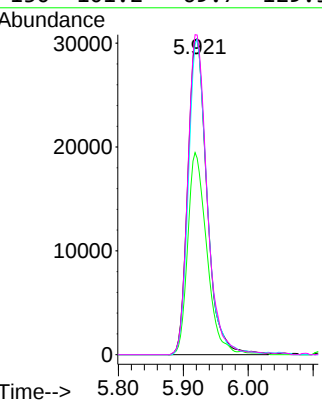
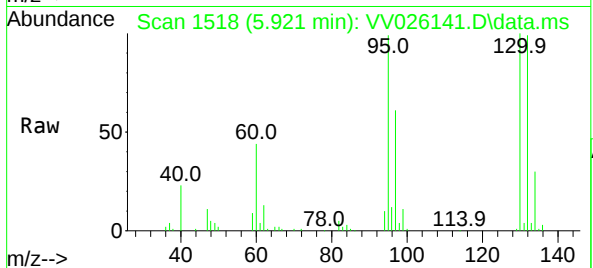
Ion Ratio Lower Upper

95 100

97 62.2 44.0 81.6

132 99.9 67.5 125.4

130 101.2 69.7 129.5



#35

Methylcyclohexane

Concen: 3.788 ug/L

RT: 6.137 min Scan# 1585

Delta R.T. 0.003 min

Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

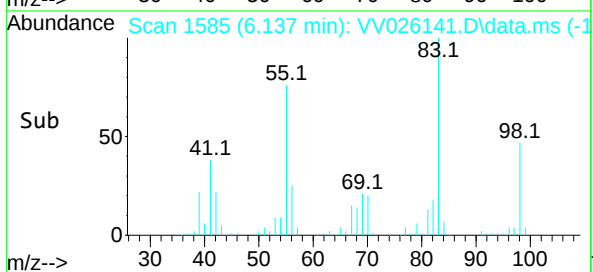
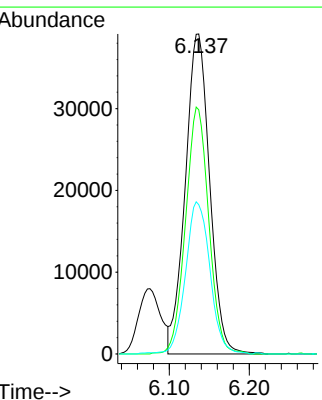
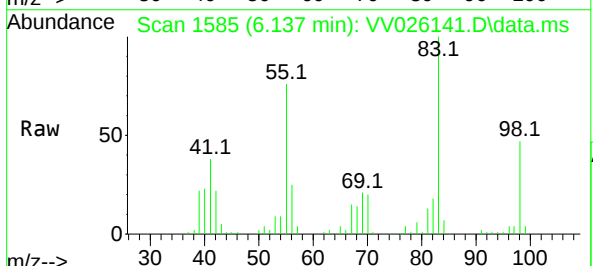
Tgt Ion: 83 Resp: 82995

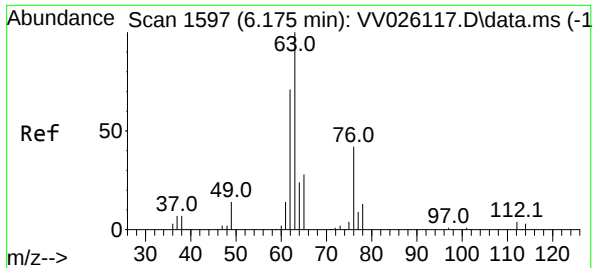
Ion Ratio Lower Upper

83 100

55 73.6 59.4 89.0

98 47.7 38.9 58.3





#37

1,2-Dichloropropane

Concen: 4.907 ug/L

RT: 6.179 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

Instrument :

MSVOA_V

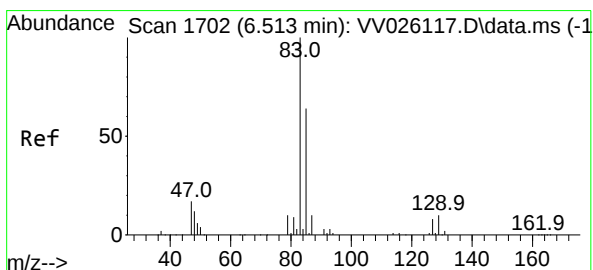
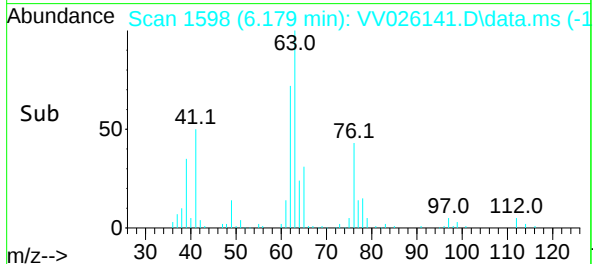
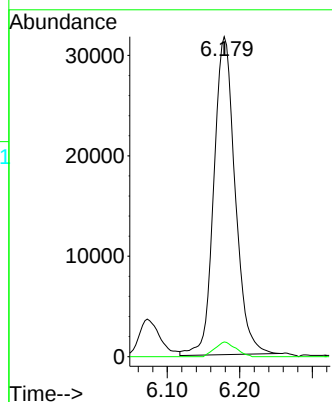
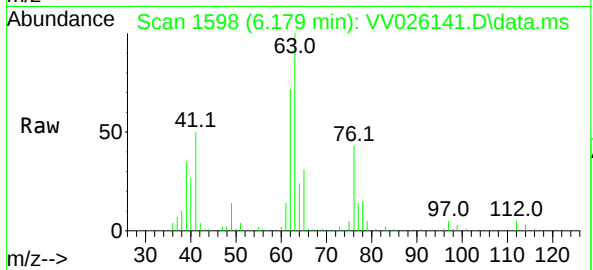
ClientSampleId :

Tgt Ion: 63 Resp: 64709

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.6



#38

Bromodichloromethane

Concen: 4.898 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

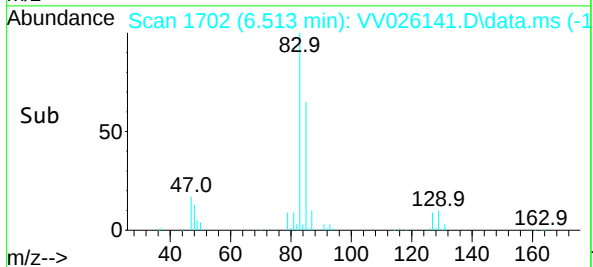
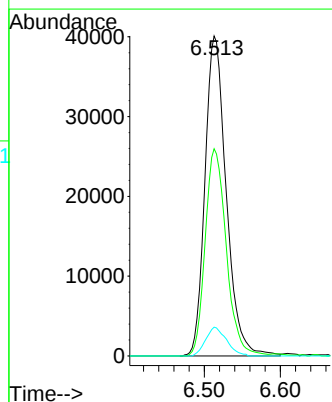
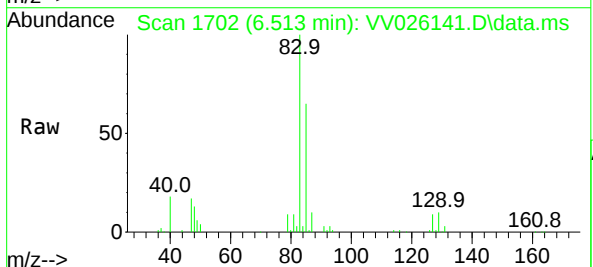
Tgt Ion: 83 Resp: 78024

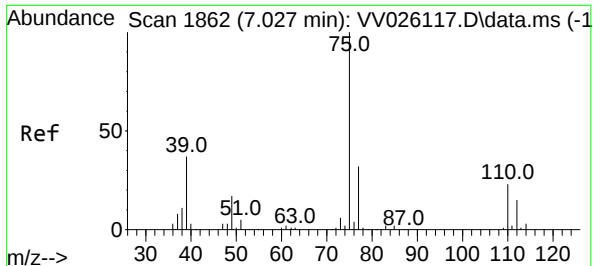
Ion Ratio Lower Upper

83 100

85 64.8 44.8 83.2

127 9.0 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.369 ug/L

RT: 7.031 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

Instrument :

MSVOA_V

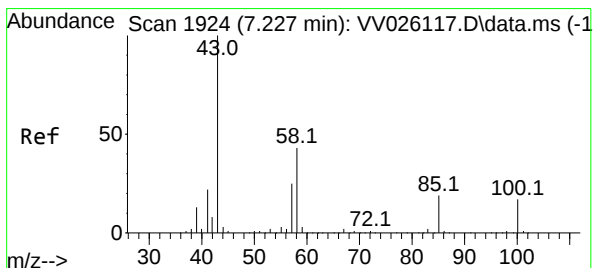
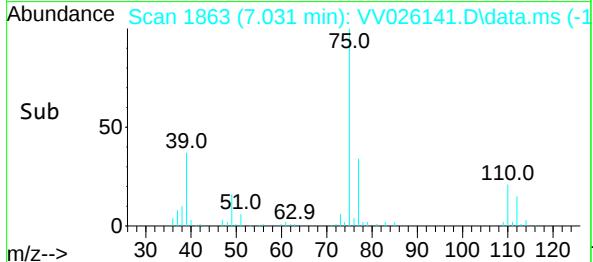
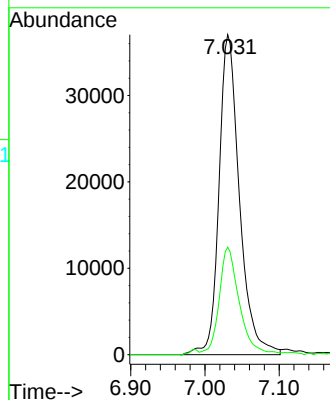
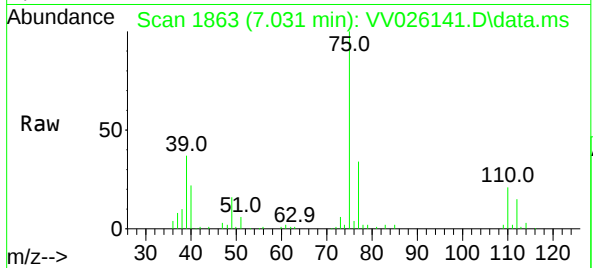
ClientSampleId :

Tgt Ion: 75 Resp: 70993

Ion Ratio Lower Upper

75 100

77 33.6 23.2 43.0



#40

4-Methyl-2-pentanone

Concen: 55.002 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.003 min

Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

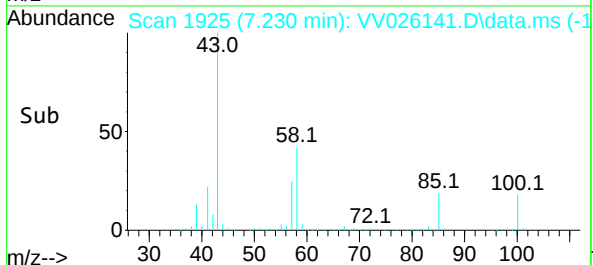
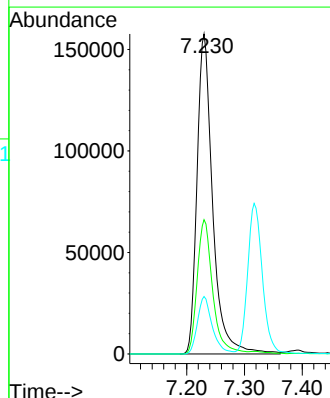
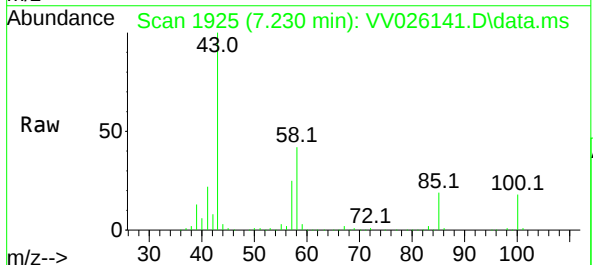
Tgt Ion: 43 Resp: 296274

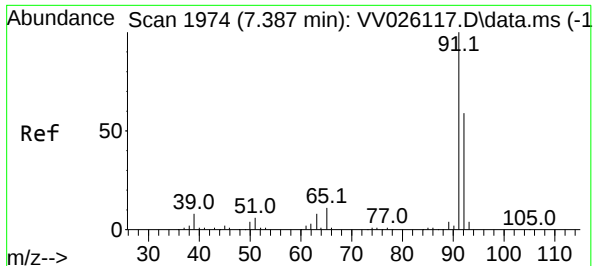
Ion Ratio Lower Upper

43 100

58 41.5 34.2 51.2

100 17.0 12.6 19.0





#42

Toluene

Concen: 4.631 ug/L

RT: 7.391 min Scan# 1974

Delta R.T. 0.003 min

Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

Instrument :

MSVOA_V

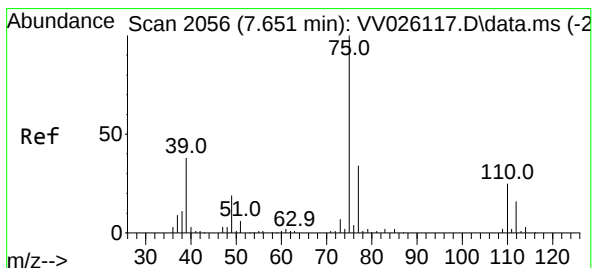
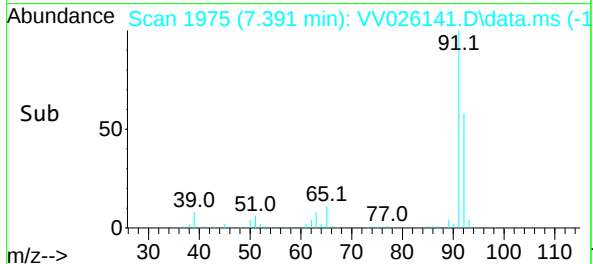
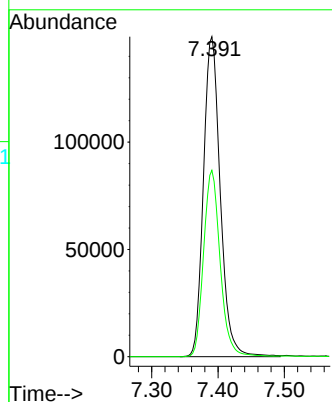
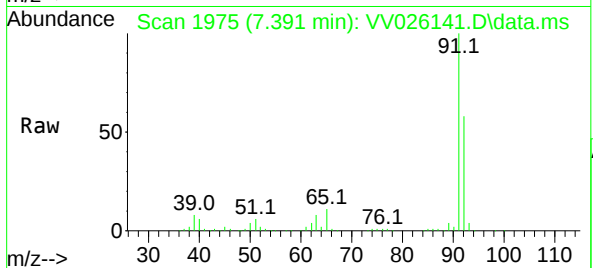
ClientSampleId :

Tgt Ion: 91 Resp: 263269

Ion Ratio Lower Upper

91 100

92 58.3 41.2 76.4



#44

trans-1,3-Dichloropropene

Concen: 4.591 ug/L

RT: 7.654 min Scan# 2057

Delta R.T. 0.003 min

Lab File: VV026141.D

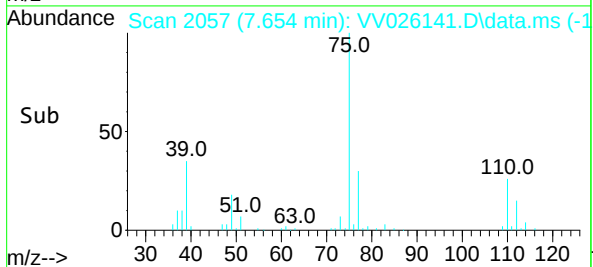
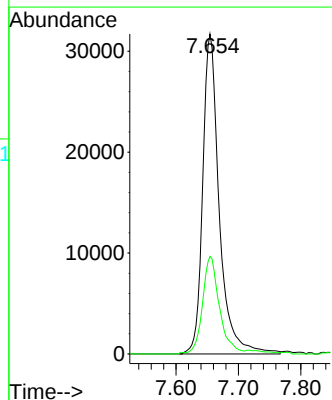
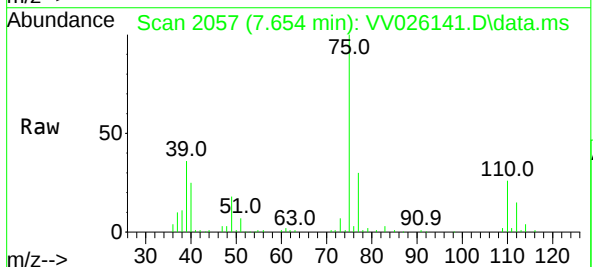
Acq: 11 Jun 2022 20:08

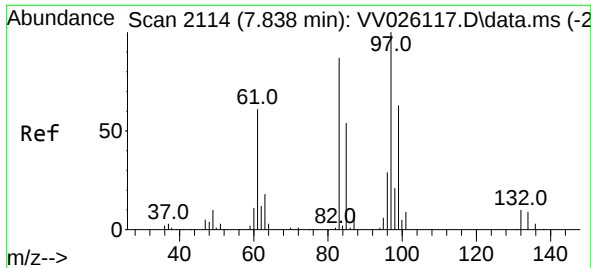
Tgt Ion: 75 Resp: 58443

Ion Ratio Lower Upper

75 100

77 30.5 21.7 40.3





#45

1,1,2-Trichloroethane

Concen: 5.042 ug/L

RT: 7.841 min Scan# 2115

Delta R.T. 0.003 min

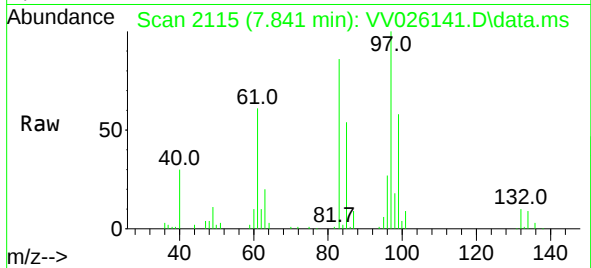
Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 97 Resp: 43176

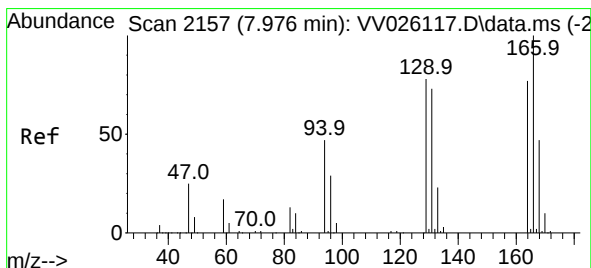
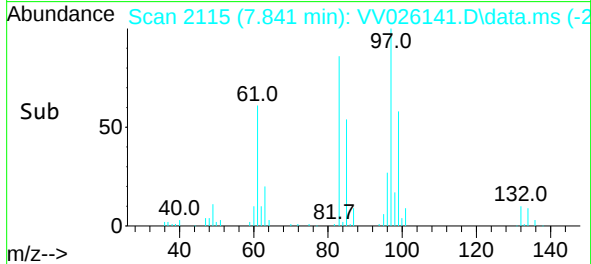
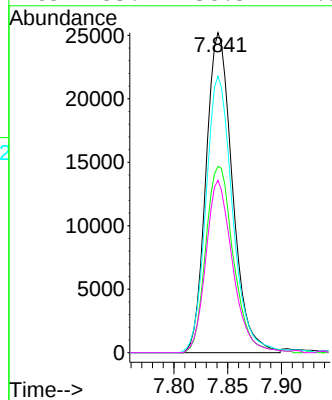
Ion Ratio Lower Upper

97 100

99 58.2 43.5 80.7

83 86.4 59.6 110.8

85 53.9 38.5 71.5



#47

Tetrachloroethene

Concen: 3.998 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

Tgt Ion:164 Resp: 43995

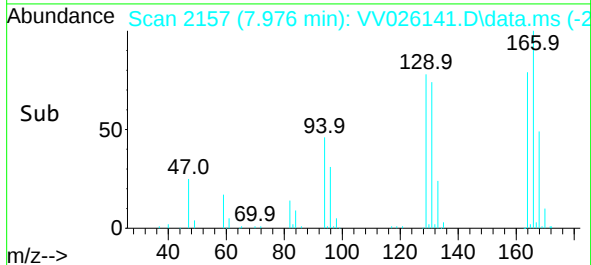
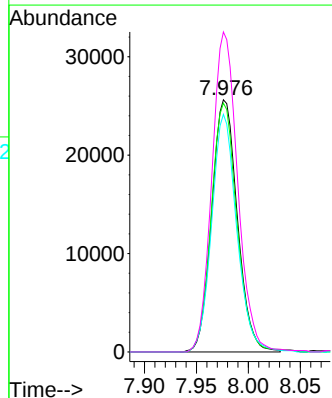
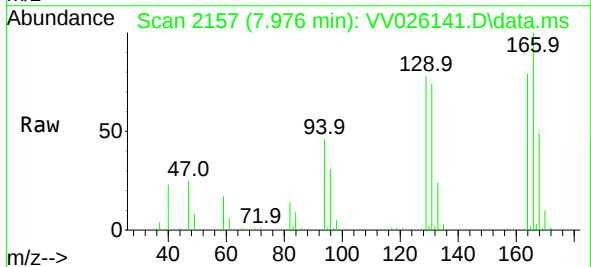
Ion Ratio Lower Upper

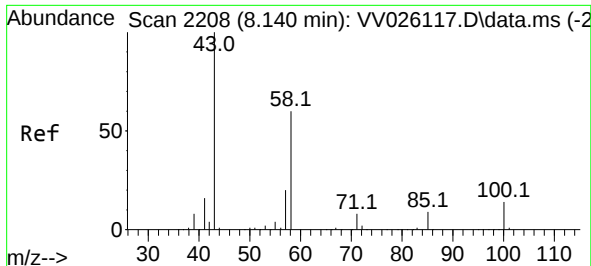
164 100

129 98.7 68.3 126.9

131 94.2 66.5 123.5

166 126.9 88.1 163.7

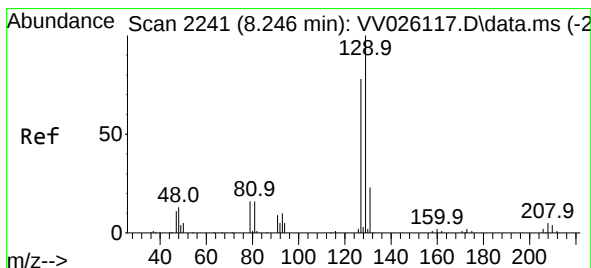
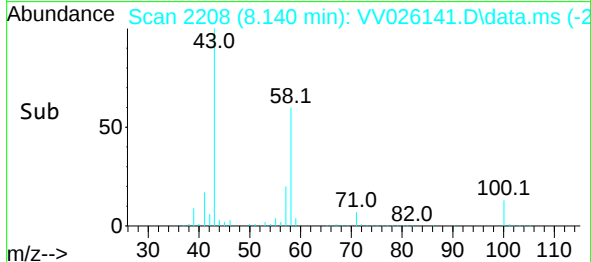
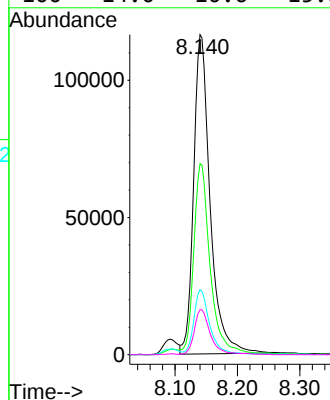
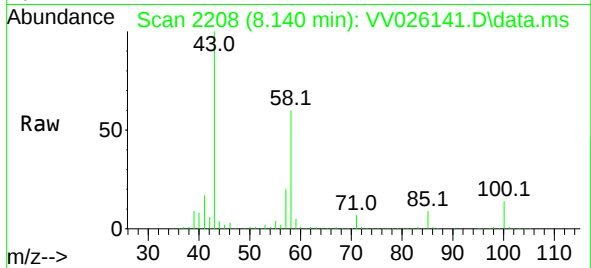




#48
2-Hexanone
Concen: 55.940 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026141.D
Acq: 11 Jun 2022 20:08

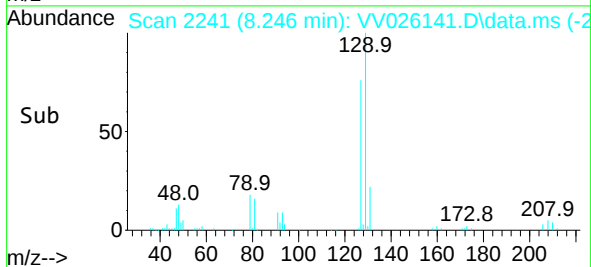
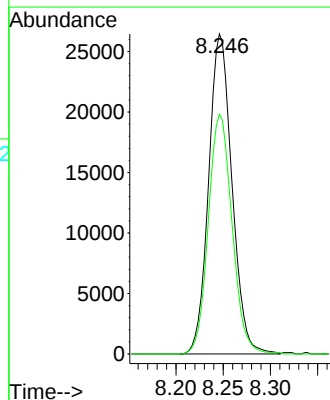
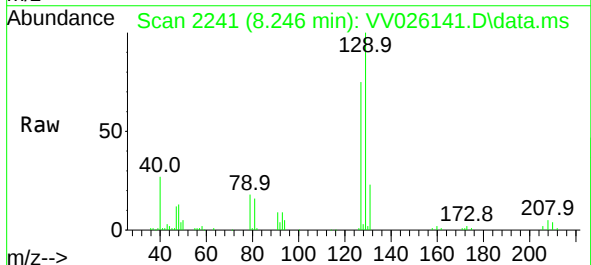
Instrument :
MSVOA_V
ClientSampleId :

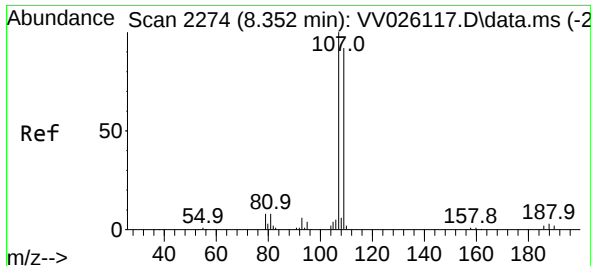
Tgt Ion: 43 Resp: 213890
Ion Ratio Lower Upper
43 100
58 58.4 47.4 71.2
57 19.3 15.5 23.3
100 14.0 10.6 15.8



#49
Dibromochloromethane
Concen: 4.858 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV026141.D
Acq: 11 Jun 2022 20:08

Tgt Ion: 129 Resp: 45408
Ion Ratio Lower Upper
129 100
127 74.9 55.9 103.7





#50

1,2-Dibromoethane

Concen: 4.837 ug/L

RT: 8.355 min Scan# 21

Delta R.T. 0.003 min

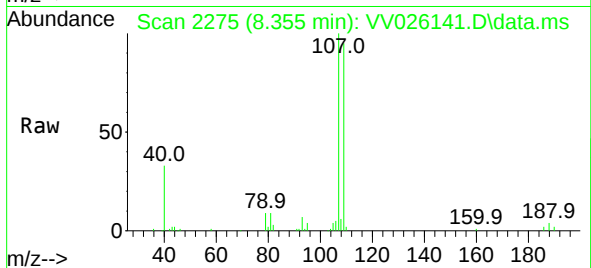
Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :



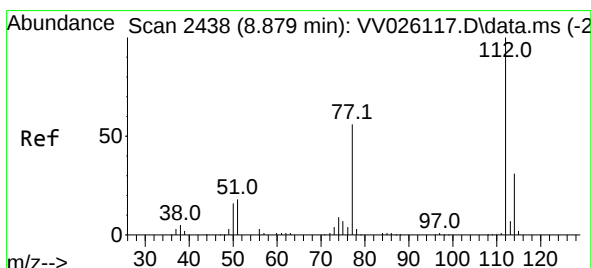
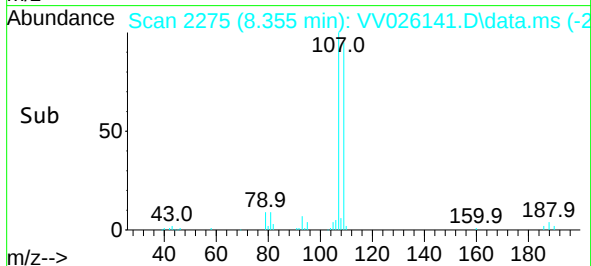
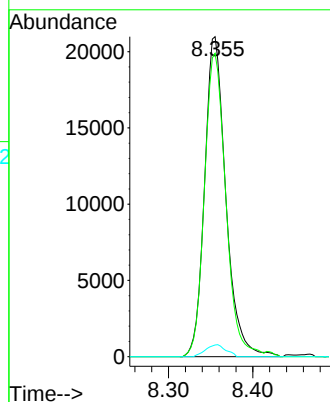
Tgt Ion:107 Resp: 36855

Ion Ratio Lower Upper

107 100

109 94.8 64.8 120.3

188 3.7 2.7 4.1



#51

Chlorobenzene

Concen: 4.371 ug/L

RT: 8.883 min Scan# 2439

Delta R.T. 0.003 min

Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

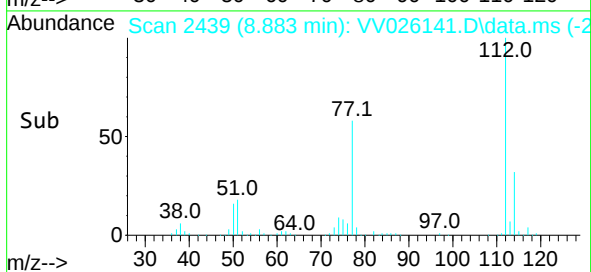
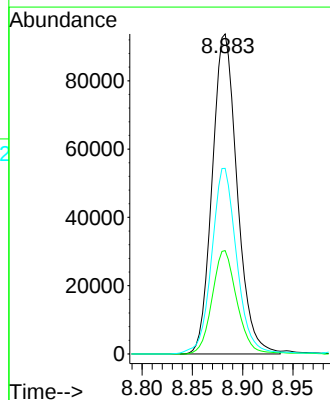
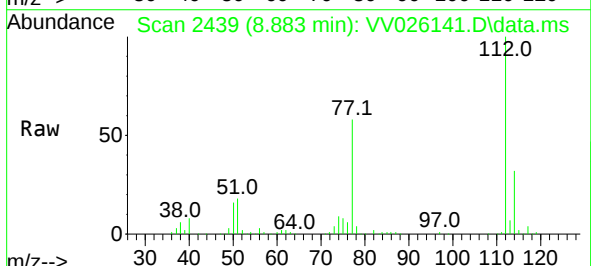
Tgt Ion:112 Resp: 161734

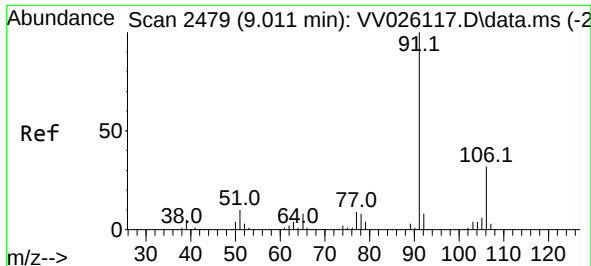
Ion Ratio Lower Upper

112 100

114 32.3 22.3 41.5

77 58.0 44.6 66.8





#52

Ethylbenzene

Concen: 4.286 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

Instrument :

MSVOA_V

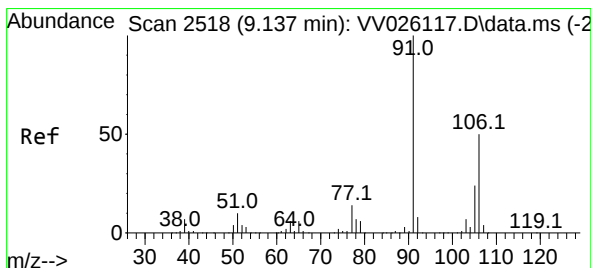
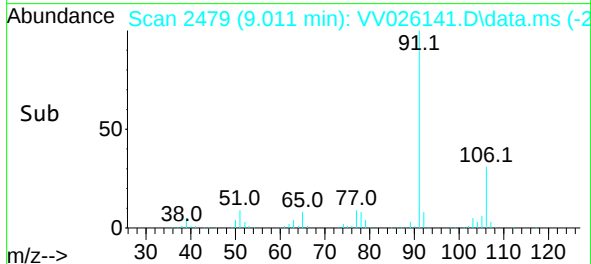
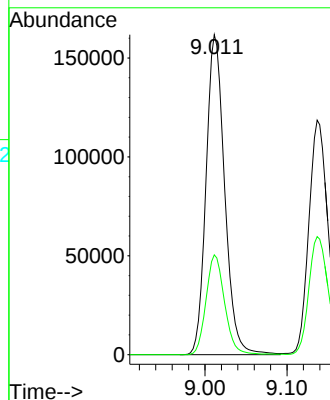
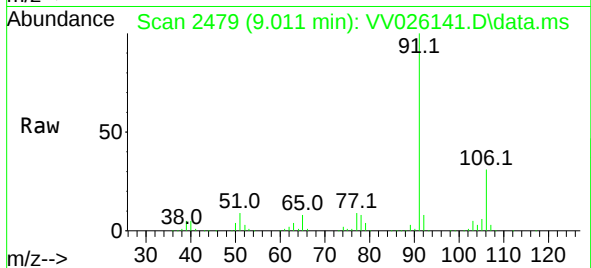
ClientSampleId :

Tgt Ion: 91 Resp: 255378

Ion Ratio Lower Upper

91 100

106 31.2 21.8 40.6



#53

m,p-Xylene

Concen: 4.319 ug/L

RT: 9.137 min Scan# 2518

Delta R.T. 0.000 min

Lab File: VV026141.D

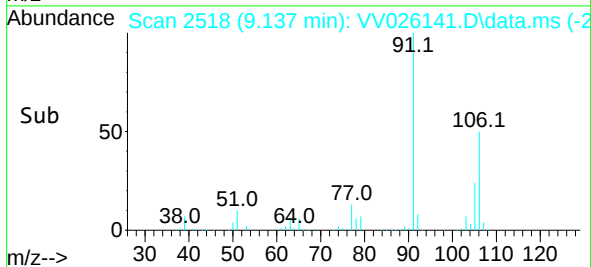
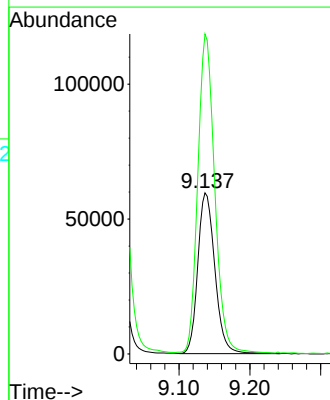
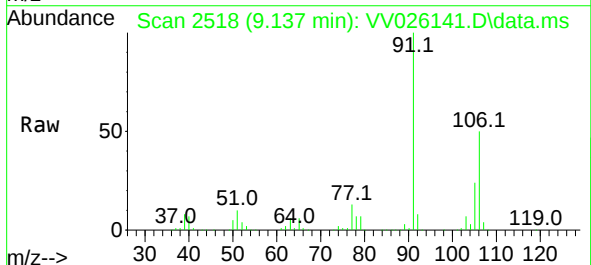
Acq: 11 Jun 2022 20:08

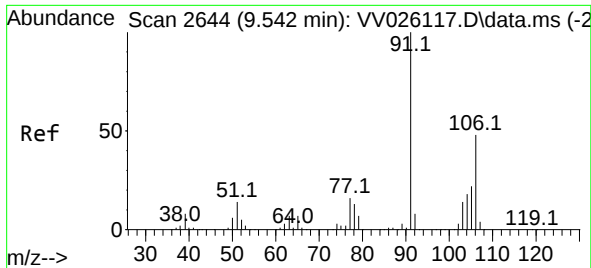
Tgt Ion: 106 Resp: 99479

Ion Ratio Lower Upper

106 100

91 198.5 140.4 260.8

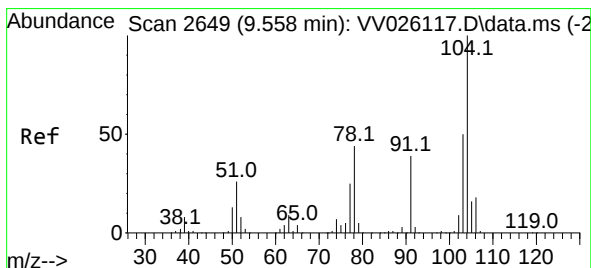
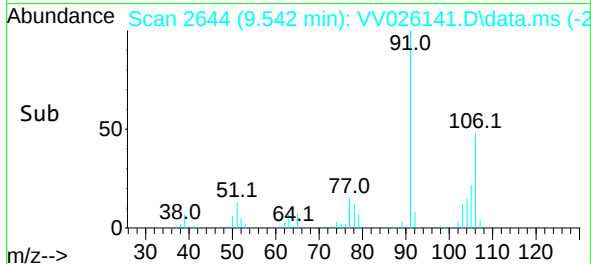
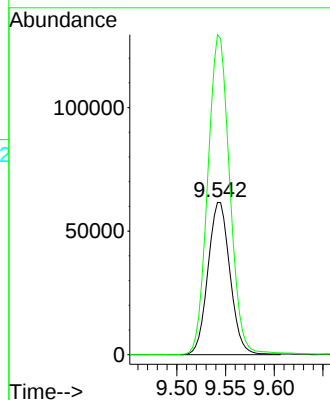
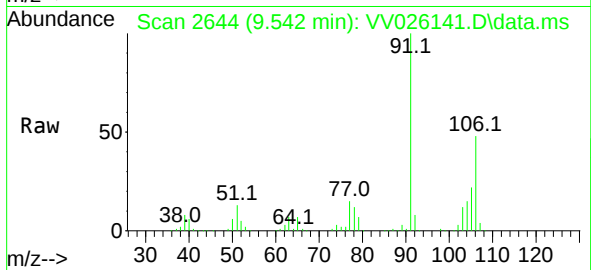




#54
o-Xylene
Concen: 4.420 ug/L
RT: 9.542 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV026141.D
Acq: 11 Jun 2022 20:08

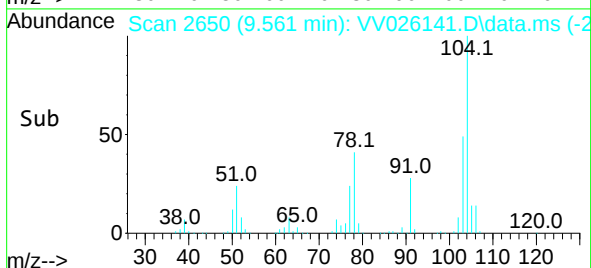
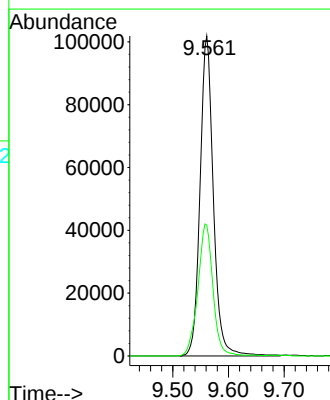
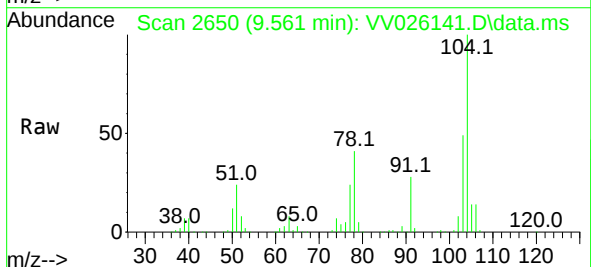
Instrument :
MSVOA_V
ClientSampleId :

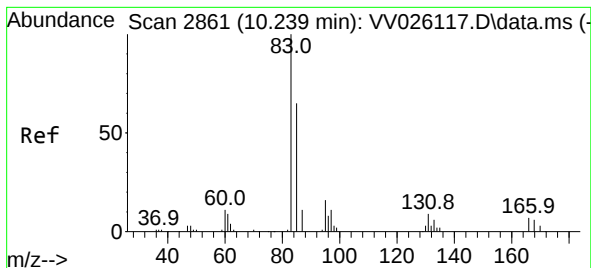
Tgt Ion:106 Resp: 96776
Ion Ratio Lower Upper
106 100
91 210.0 145.4 270.0



#55
Styrene
Concen: 4.617 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.003 min
Lab File: VV026141.D
Acq: 11 Jun 2022 20:08

Tgt Ion:104 Resp: 169313
Ion Ratio Lower Upper
104 100
78 40.9 29.1 54.1

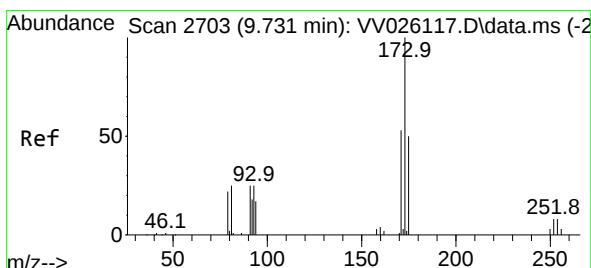
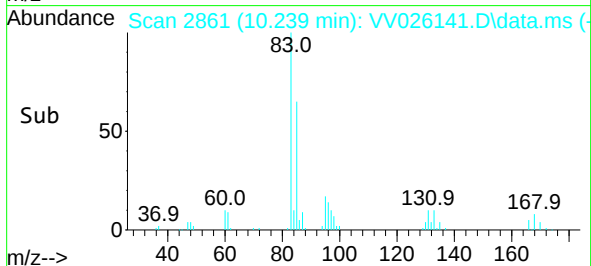
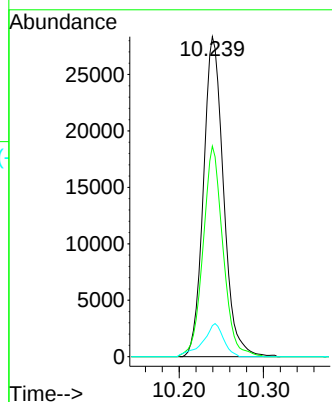
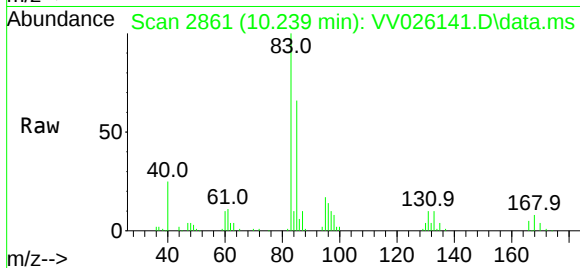




#57
1,1,2,2-Tetrachloroethane
Concen: 5.125 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV026141.D
Acq: 11 Jun 2022 20:08

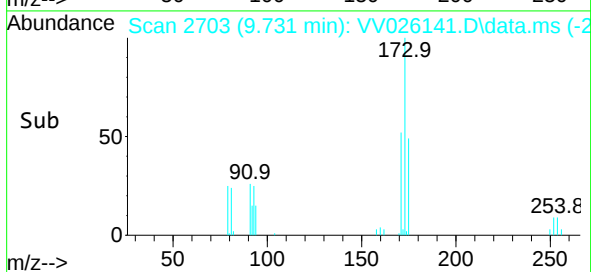
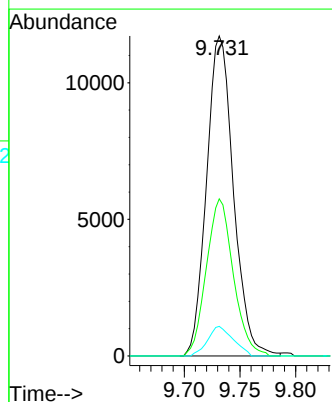
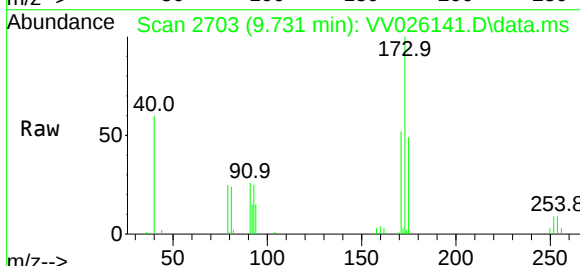
Instrument :
MSVOA_V
ClientSampleId :

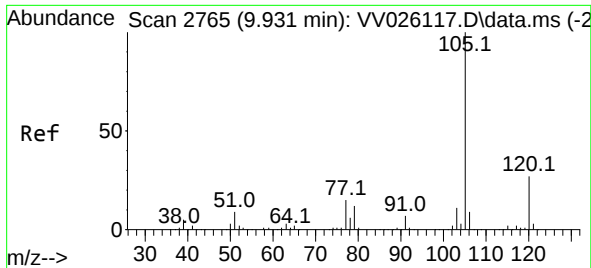
Tgt Ion: 83 Resp: 46980
Ion Ratio Lower Upper
83 100
85 65.8 46.4 86.2
131 9.7 7.1 10.7



#59
Bromoform
Concen: 4.773 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.000 min
Lab File: VV026141.D
Acq: 11 Jun 2022 20:08

Tgt Ion: 173 Resp: 19688
Ion Ratio Lower Upper
173 100
175 49.2 38.8 58.2
254 8.8 6.9 10.3

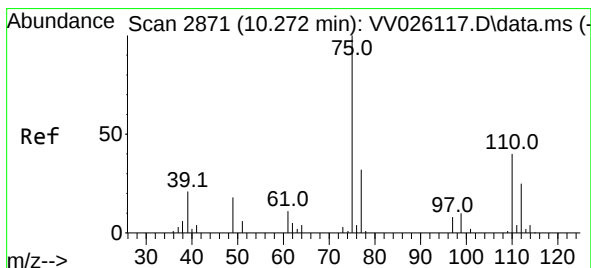
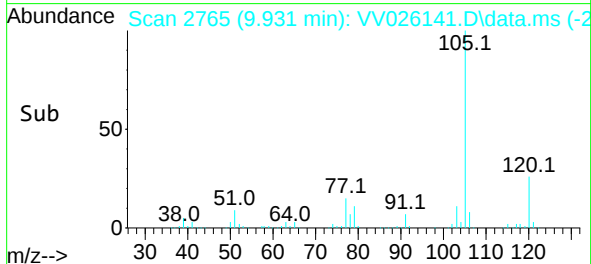
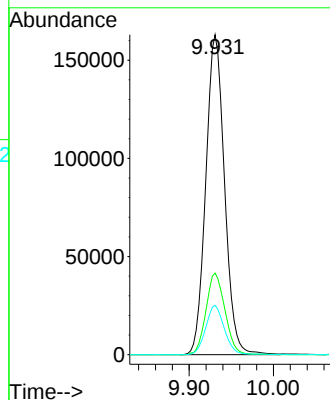
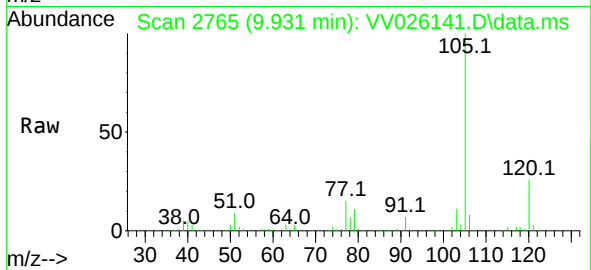




#60
Isopropylbenzene
Concen: 4.325 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV026141.D
Acq: 11 Jun 2022 20:08

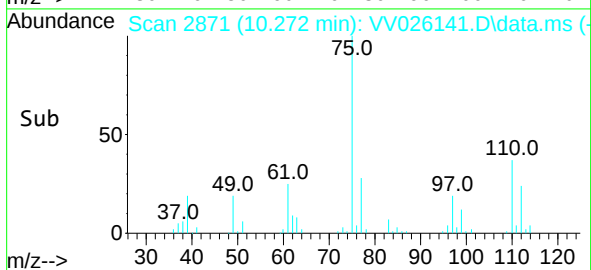
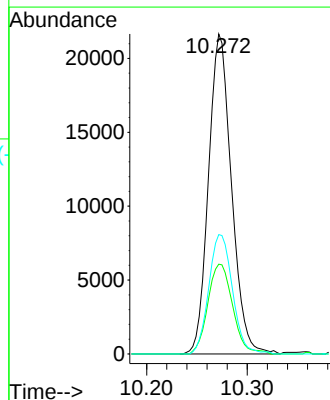
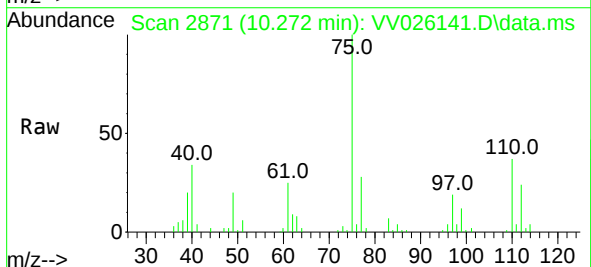
Instrument :
MSVOA_V
ClientSampleId :

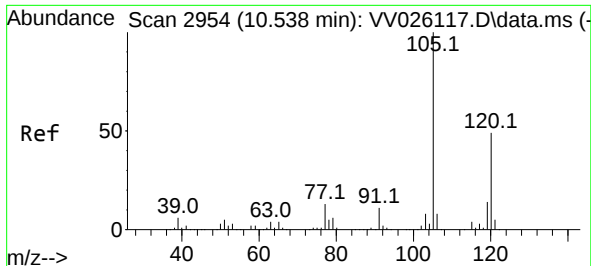
Tgt Ion:105 Resp: 252745
Ion Ratio Lower Upper
105 100
120 25.8 21.3 31.9
77 15.3 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 5.010 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV026141.D
Acq: 11 Jun 2022 20:08

Tgt Ion: 75 Resp: 34387
Ion Ratio Lower Upper
75 100
77 30.2 26.6 40.0
110 38.4 32.0 48.0





#62

1,3,5-Trimethylbenzene

Concen: 4.135 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

Instrument :

MSVOA_V

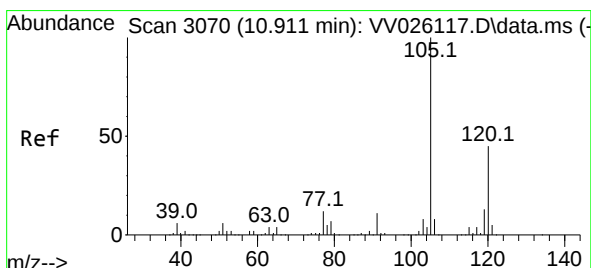
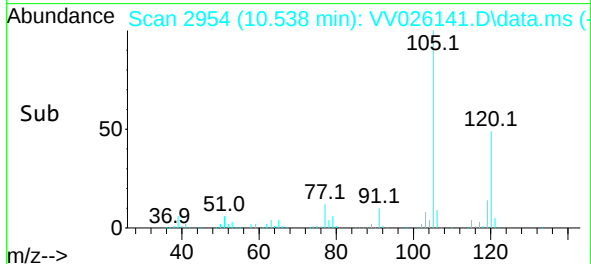
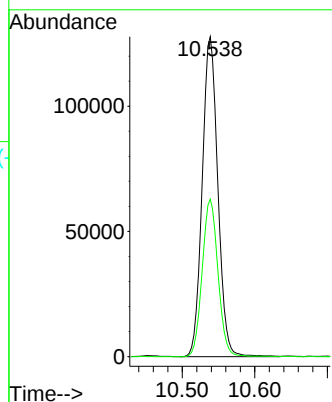
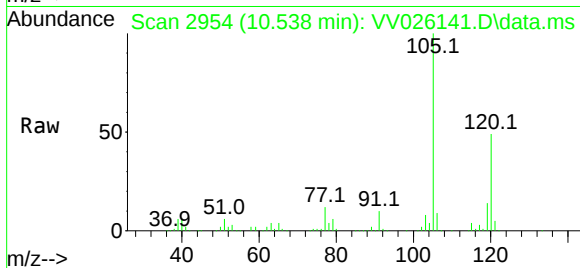
ClientSampleId :

Tgt Ion:105 Resp: 191345

Ion Ratio Lower Upper

105 100

120 49.5 38.8 58.2



#63

1,2,4-Trimethylbenzene

Concen: 4.149 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV026141.D

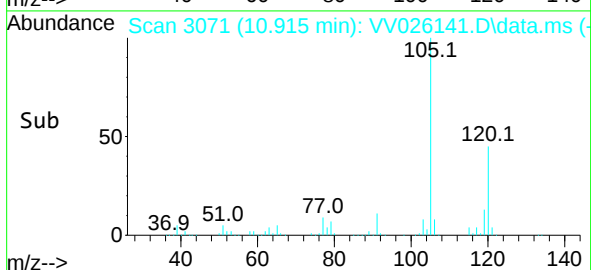
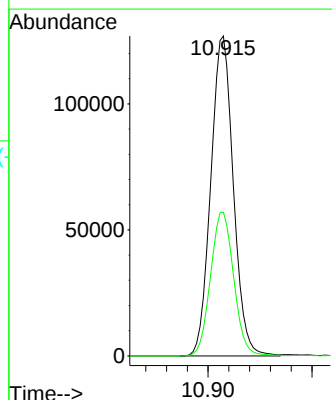
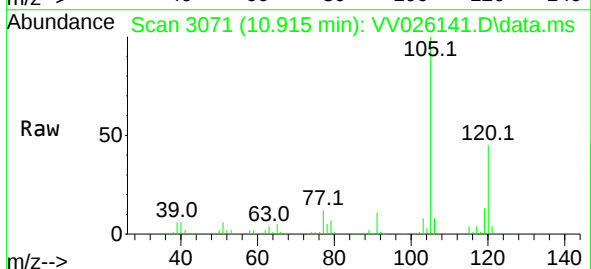
Acq: 11 Jun 2022 20:08

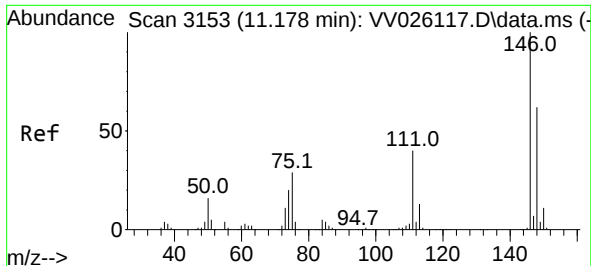
Tgt Ion:105 Resp: 191192

Ion Ratio Lower Upper

105 100

120 46.2 36.7 55.1

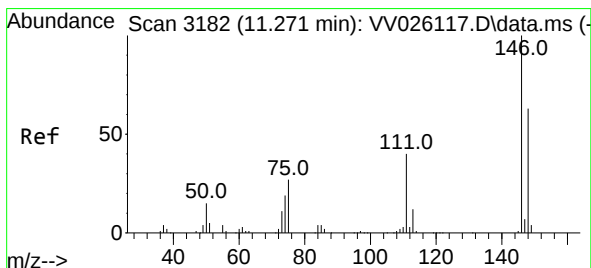
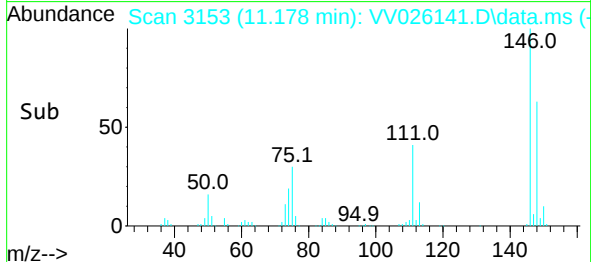
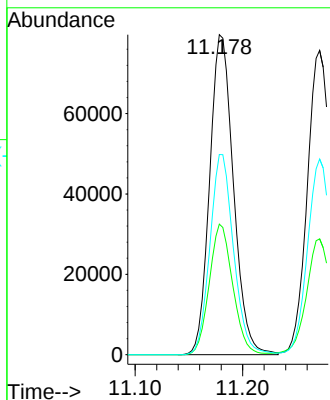
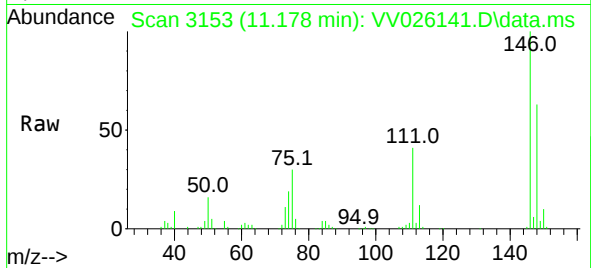




#64
 1,3-Dichlorobenzene
 Concen: 4.412 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.000 min
 Lab File: VV026141.D
 Acq: 11 Jun 2022 20:08

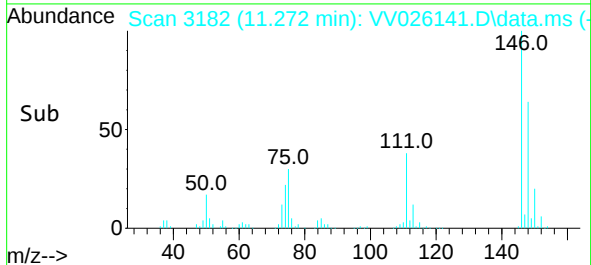
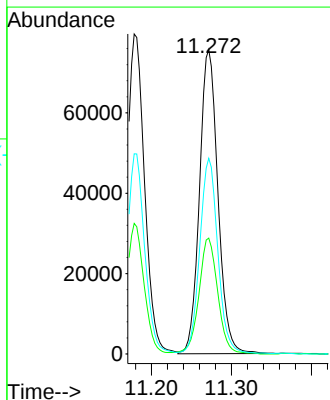
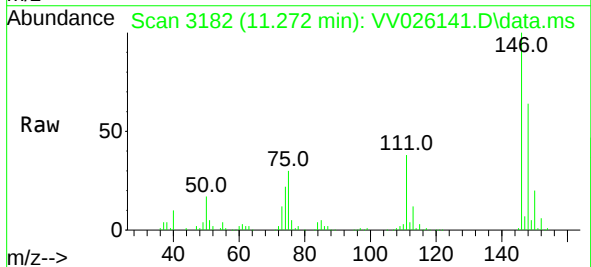
Instrument :
 MSVOA_V
 ClientSampleId :

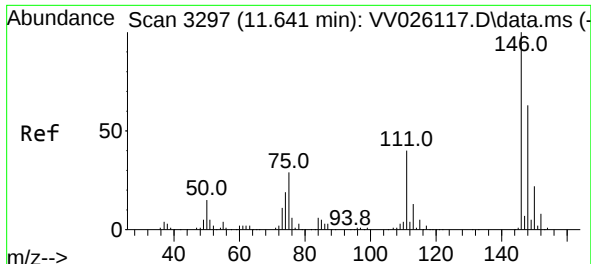
Tgt Ion:146 Resp: 122491
 Ion Ratio Lower Upper
 146 100
 111 40.8 27.9 51.9
 148 62.6 43.6 81.0



#65
 1,4-Dichlorobenzene
 Concen: 4.297 ug/L
 RT: 11.272 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV026141.D
 Acq: 11 Jun 2022 20:08

Tgt Ion:146 Resp: 121479
 Ion Ratio Lower Upper
 146 100
 111 38.1 27.1 50.3
 148 64.3 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 4.424 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

Instrument :

MSVOA_V

ClientSampleId :

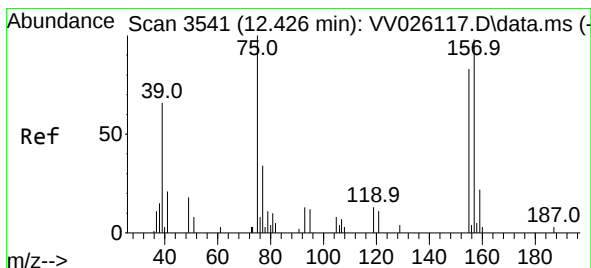
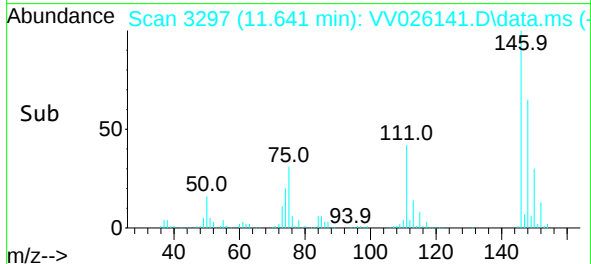
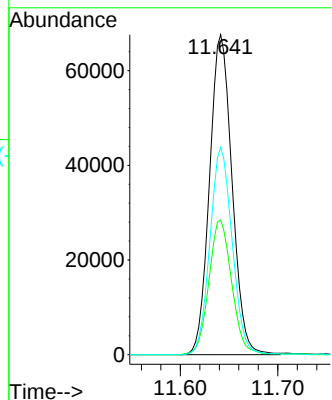
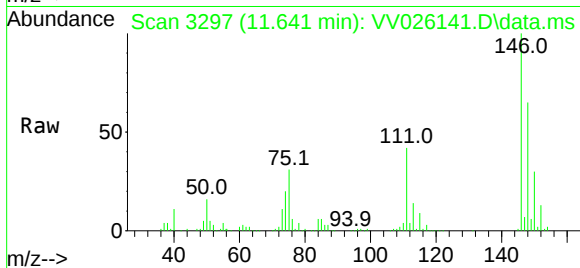
Tgt Ion:146 Resp: 108610

Ion Ratio Lower Upper

146 100

111 42.1 33.9 50.9

148 64.7 50.6 76.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.002 ug/L

RT: 12.426 min Scan# 3541

Delta R.T. 0.000 min

Lab File: VV026141.D

Acq: 11 Jun 2022 20:08

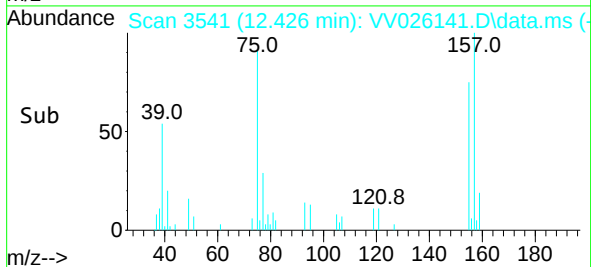
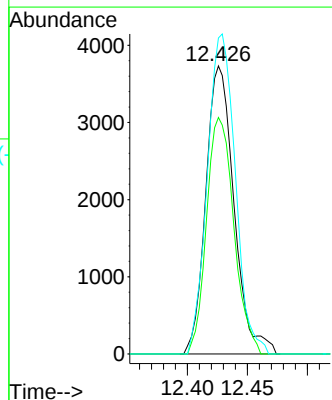
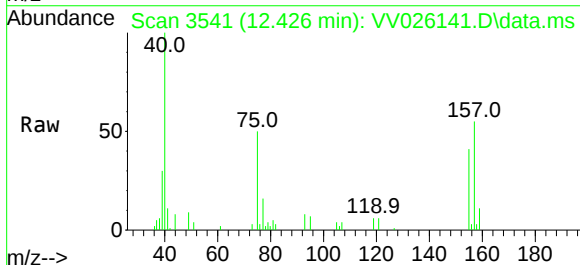
Tgt Ion: 75 Resp: 6101

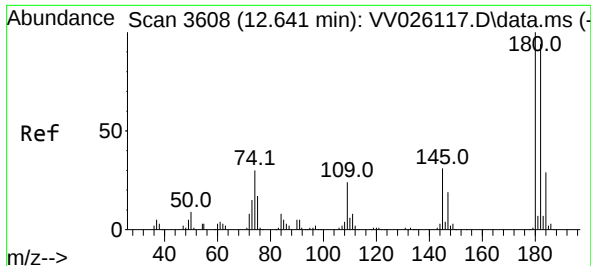
Ion Ratio Lower Upper

75 100

155 82.1 68.0 102.0

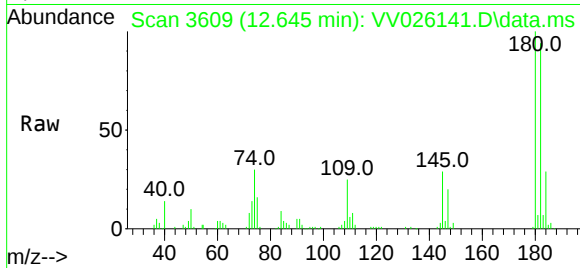
157 109.7 89.7 134.5



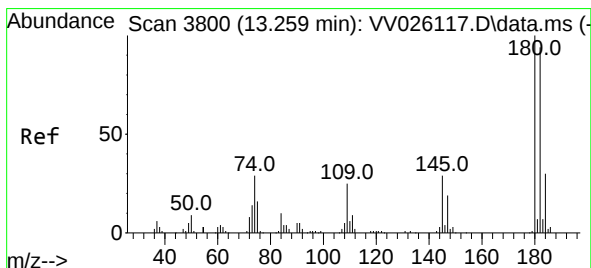
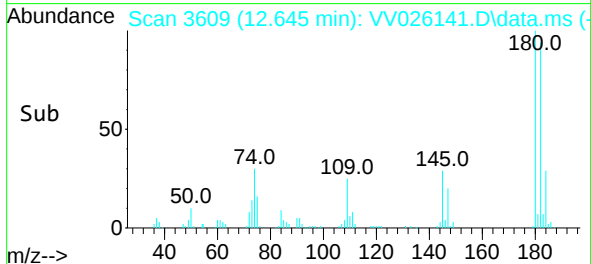
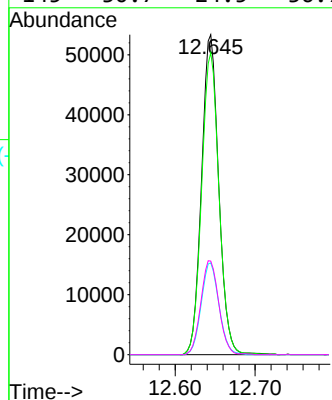


#69
 1,3,5-Trichlorobenzene
 Concen: 3.968 ug/L
 RT: 12.645 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV026141.D
 Acq: 11 Jun 2022 20:08

Instrument :
 MSVOA_V
 ClientSampleId :

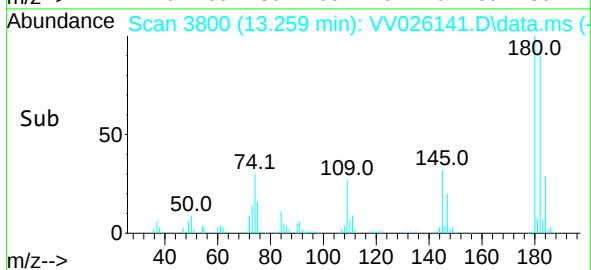
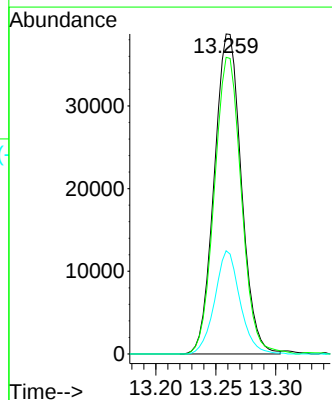
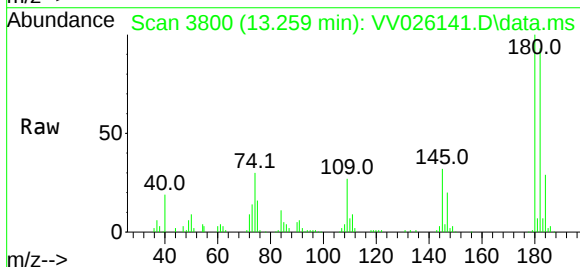


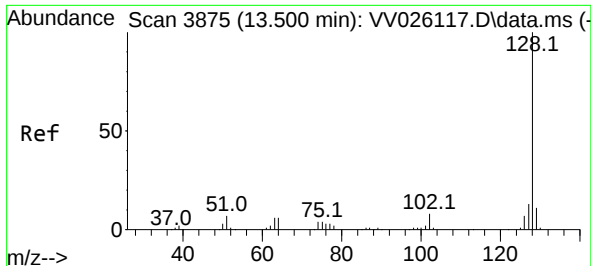
Tgt Ion:180 Resp: 79763
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.3 114.5
 184 29.7 24.0 36.0
 145 30.7 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.055 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV026141.D
 Acq: 11 Jun 2022 20:08

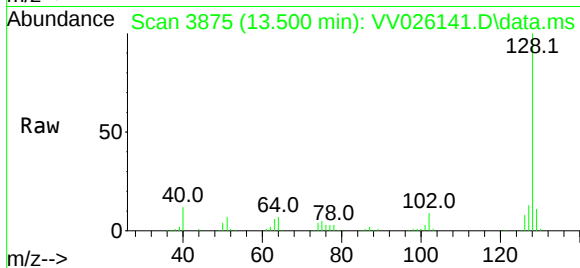
Tgt Ion:180 Resp: 60774
 Ion Ratio Lower Upper
 180 100
 182 92.3 74.2 111.4
 145 30.1 24.1 36.1



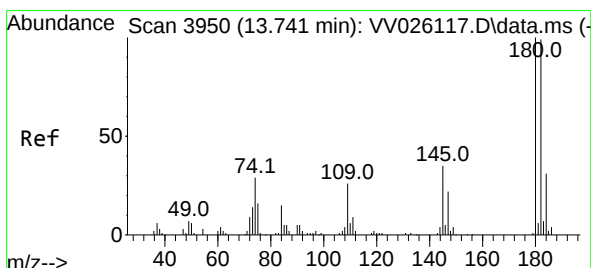
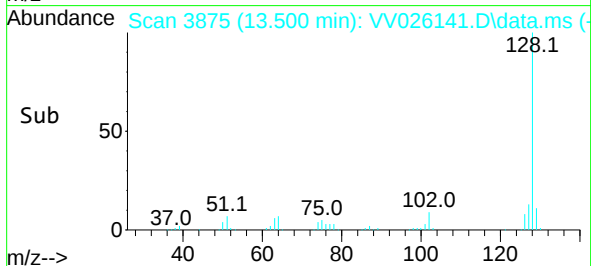
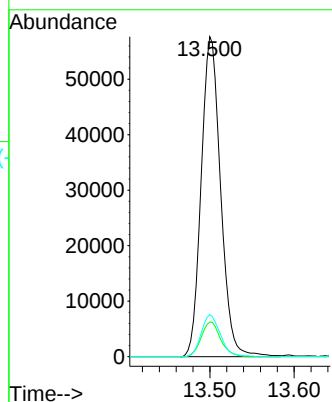


#71
Naphthalene
Concen: 4.347 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV026141.D
Acq: 11 Jun 2022 20:08

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 92560
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 12.9 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.243 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV026141.D
Acq: 11 Jun 2022 20:08

Tgt Ion:180 Resp: 53826
Ion Ratio Lower Upper
180 100
182 95.1 74.0 111.0
145 32.4 25.5 38.3

