

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083122\
 Data File : VV027671.D
 Acq On : 01 Sep 2022 15:25
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 23:18:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 07:36:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	129436	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.860	117	123231	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67883	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	65321	4.645	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.574	69	54917	4.668	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.111	63	129553	4.707	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.200%
20) 2-Butanone-d5	3.966	46	147003	61.833	ug/L	0.08
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.660%
24) Chloroform-d	4.355	84	131884	4.672	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.037	65	69169	5.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.400%
32) Benzene-d6	5.043	84	277173	5.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.800%
36) 1,2-Dichloropropane-d6	6.085	67	90065	5.768	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.400%
41) Toluene-d8	7.333	98	234514	5.365	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.200%
43) trans-1,3-Dichloroprop...	7.641	79	23569	4.900	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.000%
46) 2-Hexanone-d5	8.111	63	95889	53.013	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.020%
56) 1,1,2,2-Tetrachloroeth...	10.220	84	51456	5.121	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	72924	4.798	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	94194	5.342	ug/L	99
3) Chloromethane	1.240	50	83489	4.945	ug/L	97
5) Vinyl chloride	1.314	62	79730	4.959	ug/L	97
6) Bromomethane	1.529	94	38050	5.036	ug/L	99
8) Chloroethane	1.593	64	46664	5.193	ug/L	98
9) Trichlorofluoromethane	1.757	101	118177	5.481	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	59977	5.110	ug/L	98
12) 1,1-Dichloroethene	2.121	96	56433	5.223	ug/L	95
13) Acetone	2.237	43	90246	56.099	ug/L	83
14) Carbon disulfide	2.291	76	151383	4.434	ug/L	100
15) Methyl Acetate	2.458	43	24180	5.666	ug/L	99
16) Methylene chloride	2.507	84	55720	4.088	ug/L	98
17) Methyl tert-butyl Ether	2.793	73	128223	5.555	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	58822	4.803	ug/L	99
19) 1,1-Dichloroethane	3.198	63	115818	4.831	ug/L	98
21) 2-Butanone	4.050	43	138444	63.455	ug/L	85
22) cis-1,2-Dichloroethene	3.921	96	62189	5.088	ug/L	# 95
23) Bromochloromethane	4.253	128	25482	4.706	ug/L	97
25) Chloroform	4.381	83	121811	4.839	ug/L	100

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 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 23:18:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 07:36:37 2022
 Response via : Initial Calibration

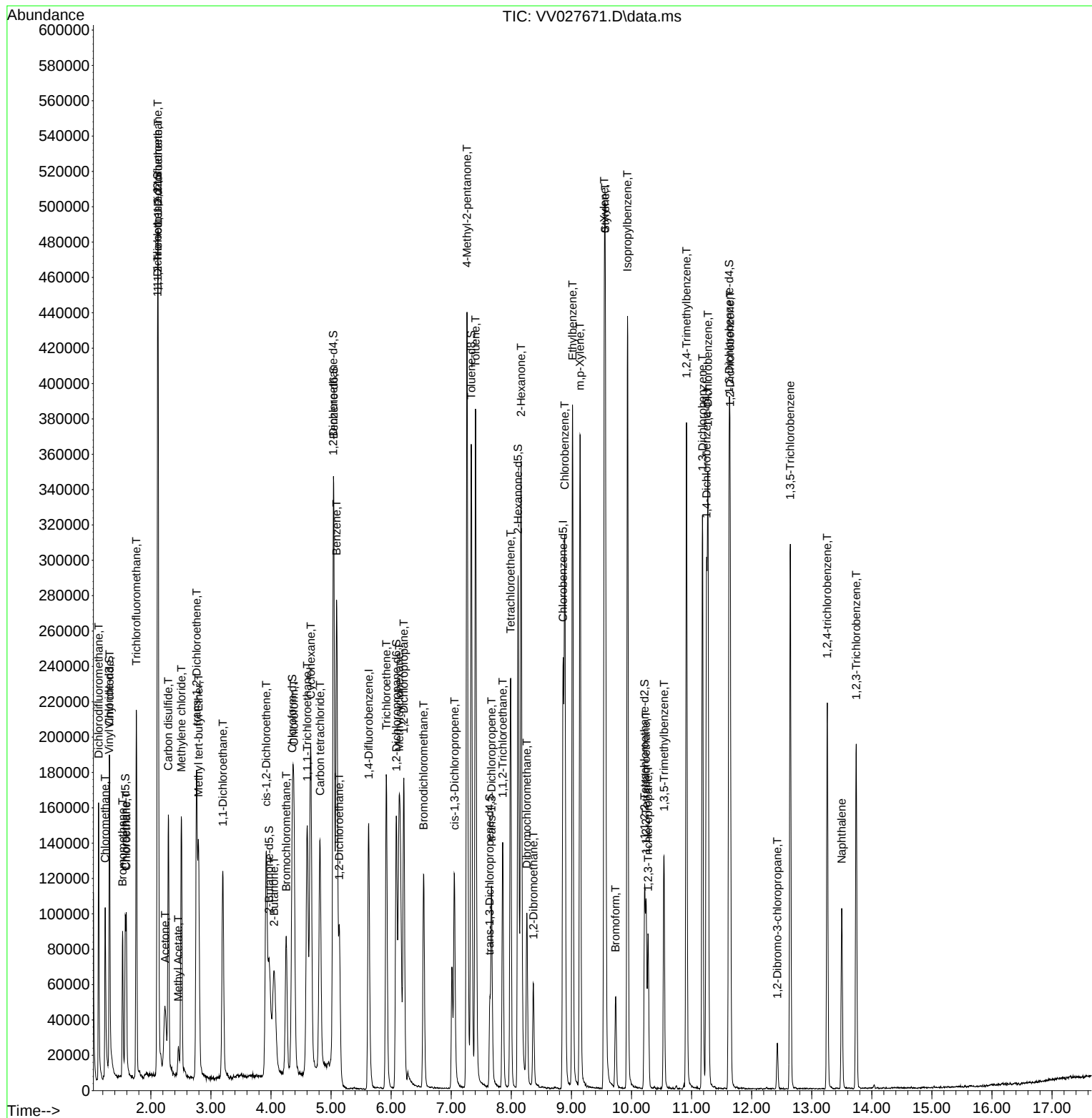
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.137	62	73274	5.331	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	114637	5.380	ug/L	99
30) Cyclohexane	4.661	56	99322	5.526	ug/L	97
31) Carbon tetrachloride	4.815	117	96514	5.293	ug/L	99
33) Benzene	5.092	78	274244	5.706	ug/L	100
34) Trichloroethene	5.918	95	62092	5.255	ug/L	99
35) Methylcyclohexane	6.133	83	94927	5.177	ug/L	99
37) 1,2-Dichloropropane	6.211	63	65408	5.389	ug/L #	96
38) Bromodichloromethane	6.539	83	81496	5.309	ug/L	98
39) cis-1,3-Dichloropropene	7.053	75	72157	4.870	ug/L	98
40) 4-Methyl-2-pentanone	7.262	43	296996	55.059	ug/L	97
42) Toluene	7.407	91	275671	5.744	ug/L	98
44) trans-1,3-Dichloropropene	7.670	75	63284	5.240	ug/L	99
45) 1,1,2-Trichloroethane	7.857	97	40960	5.232	ug/L	94
47) Tetrachloroethene	7.989	164	51102	5.334	ug/L	99
48) 2-Hexanone	8.162	43	229497	56.693	ug/L	98
49) Dibromochloromethane	8.259	129	49084	5.292	ug/L	100
50) 1,2-Dibromoethane	8.368	107	37580	5.359	ug/L #	98
51) Chlorobenzene	8.889	112	161942	5.352	ug/L	99
52) Ethylbenzene	9.018	91	255878	5.262	ug/L	99
53) m,p-Xylene	9.143	106	101784	5.445	ug/L	96
54) o-Xylene	9.548	106	96609	5.416	ug/L	98
55) Styrene	9.564	104	173005	5.679	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	47717	5.513	ug/L	97
59) Bromoform	9.735	173	22416	4.649	ug/L	100
60) Isopropylbenzene	9.934	105	264395	5.146	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	33856	4.929	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	68937	4.918	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	196037	4.864	ug/L	100
64) 1,3-Dichlorobenzene	11.182	146	129634	5.228	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	126860	5.146	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	114943	5.169	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6447	4.713	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	90828	5.081	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	62856	4.770	ug/L	99
71) Naphthalene	13.500	128	79096	3.836	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	55877	4.708	ug/L	98

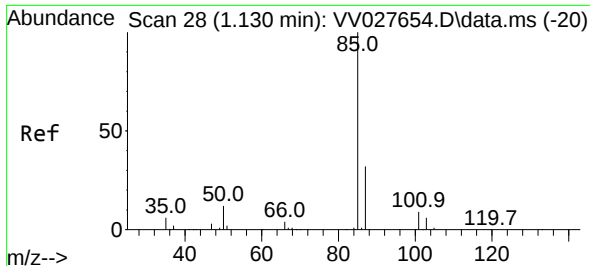
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Data File : VV027671.D
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ALS Vial : 63 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Time: Sep 01 23:18:32 2022
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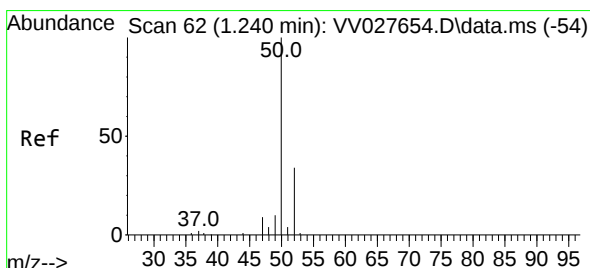
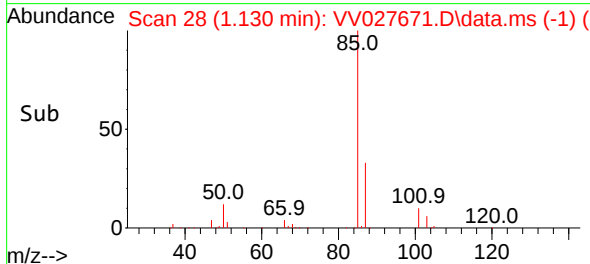
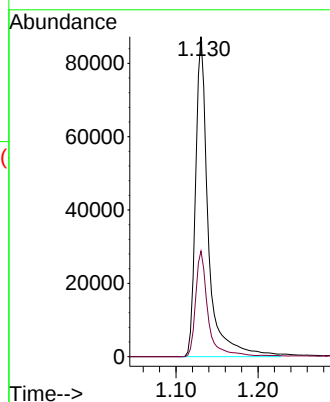
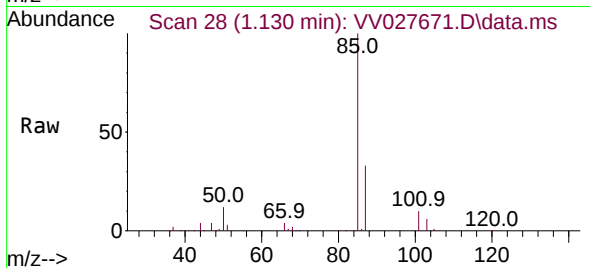




#2
Dichlorodifluoromethane
Concen: 5.342 ug/L
RT: 1.130 min Scan# 28
Delta R.T. 0.000 min
Lab File: VV027671.D
Acq: 01 Sep 2022 15:25

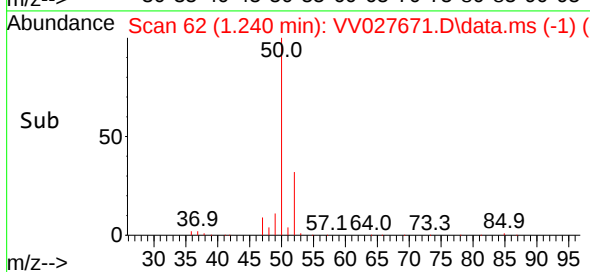
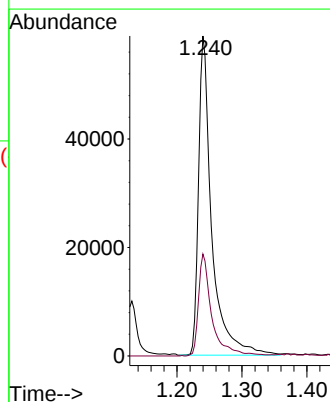
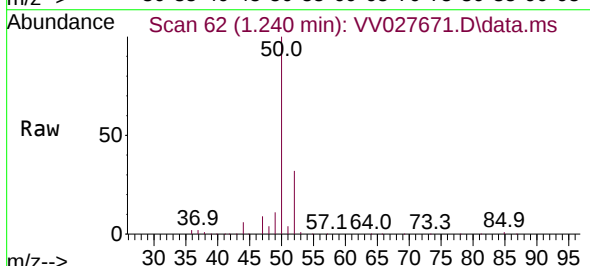
Instrument :
MSVOA_V
ClientSampleId :

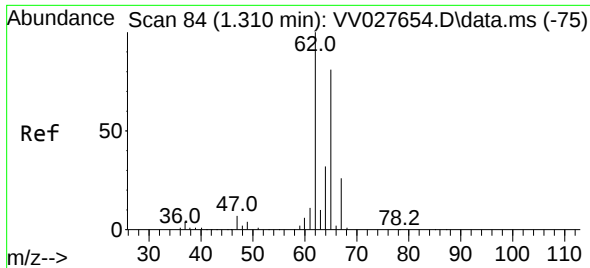
Tgt Ion: 85 Resp: 94194
Ion Ratio Lower Upper
85 100
87 32.1 26.2 39.4



#3
Chloromethane
Concen: 4.945 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.000 min
Lab File: VV027671.D
Acq: 01 Sep 2022 15:25

Tgt Ion: 50 Resp: 83489
Ion Ratio Lower Upper
50 100
52 31.8 23.5 43.7

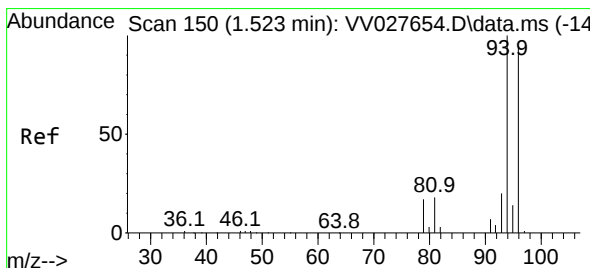
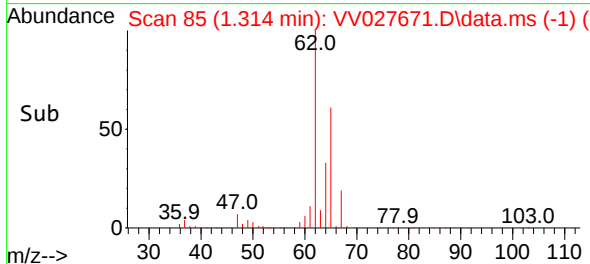
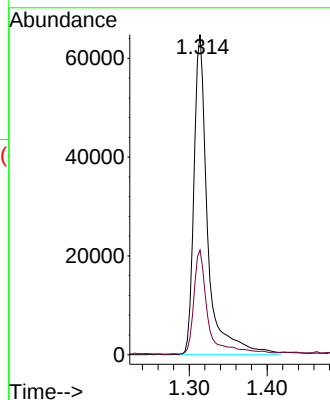
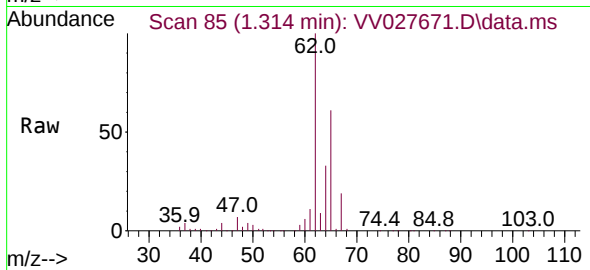




#5
 Vinyl chloride
 Concen: 4.959 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV027671.D
 Acq: 01 Sep 2022 15:25

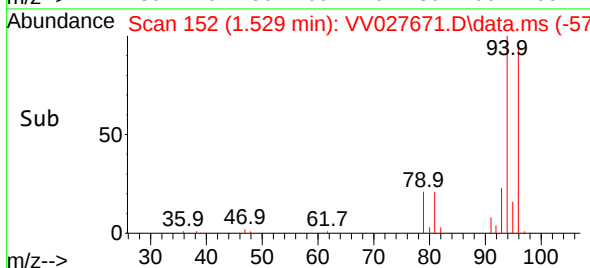
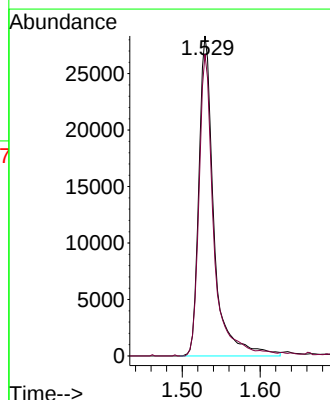
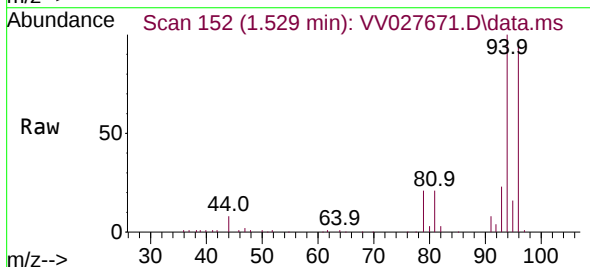
Instrument :
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 ClientSampleId :

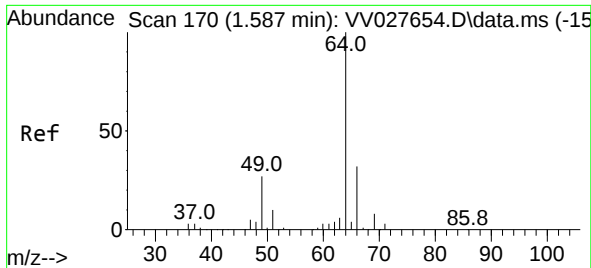
Tgt Ion: 62 Resp: 79730
 Ion Ratio Lower Upper
 62 100
 64 32.7 21.8 40.4



#6
 Bromomethane
 Concen: 5.036 ug/L
 RT: 1.529 min Scan# 152
 Delta R.T. 0.007 min
 Lab File: VV027671.D
 Acq: 01 Sep 2022 15:25

Tgt Ion: 94 Resp: 38050
 Ion Ratio Lower Upper
 94 100
 96 94.2 65.1 120.9





#8

Chloroethane

Concen: 5.193 ug/L

RT: 1.593 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV027671.D

Acq: 01 Sep 2022 15:25

Instrument :

MSVOA_V

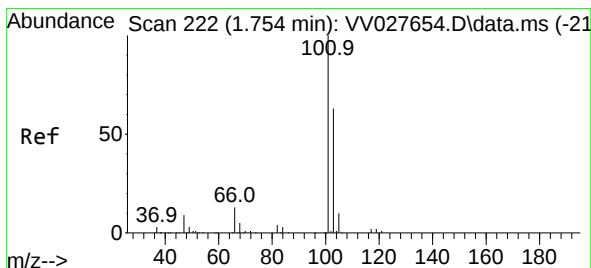
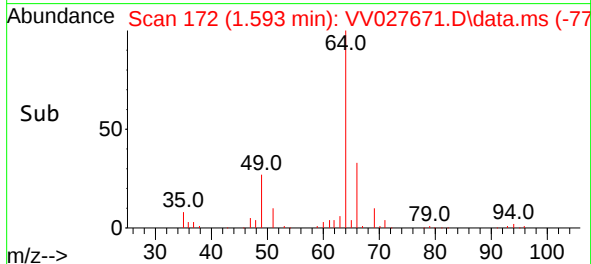
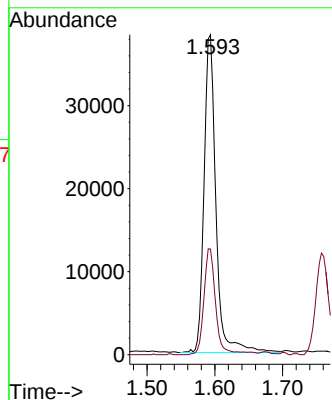
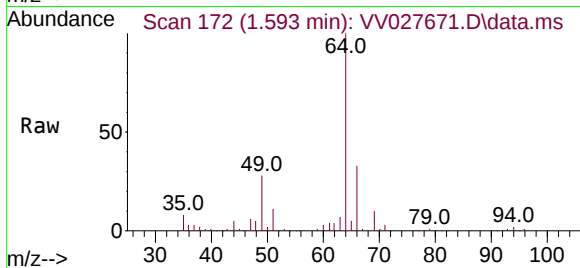
ClientSampleId :

Tgt Ion: 64 Resp: 46664

Ion Ratio Lower Upper

64 100

66 33.0 24.0 44.6



#9

Trichlorofluoromethane

Concen: 5.481 ug/L

RT: 1.757 min Scan# 223

Delta R.T. 0.003 min

Lab File: VV027671.D

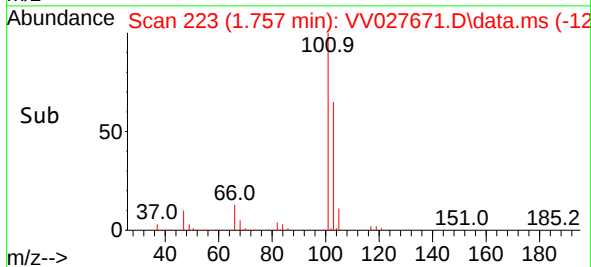
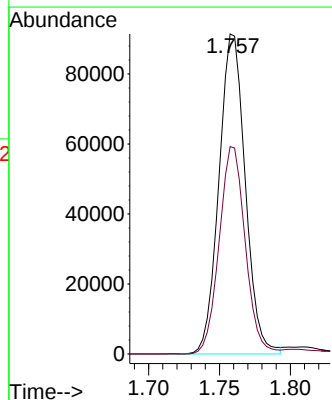
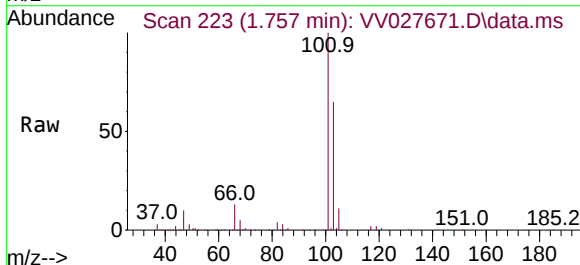
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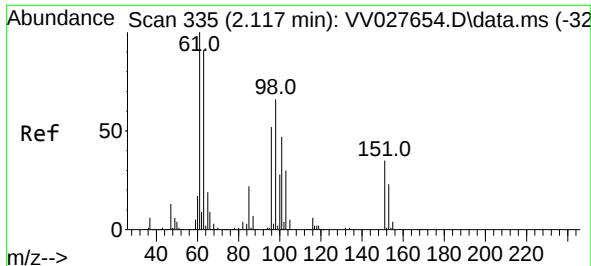
Tgt Ion:101 Resp: 118177

Ion Ratio Lower Upper

101 100

103 64.2 51.6 77.4





#10

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

Concen: 5.110 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV027671.D

Acq: 01 Sep 2022 15:25

Instrument :

MSVOA_V

ClientSampleId :

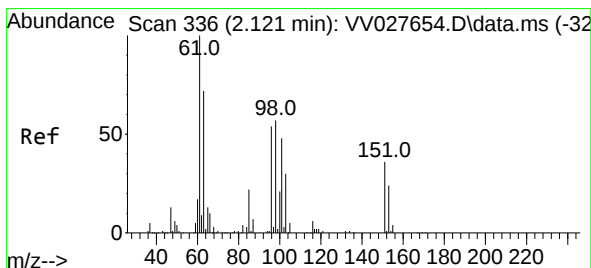
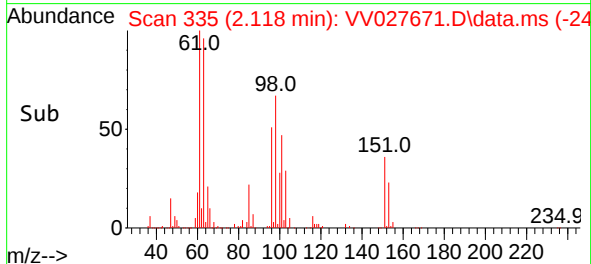
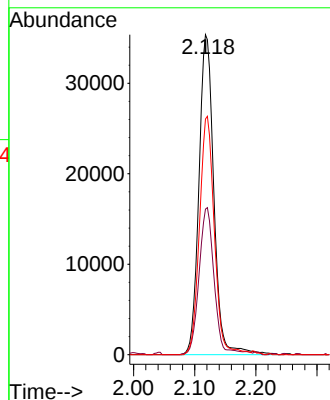
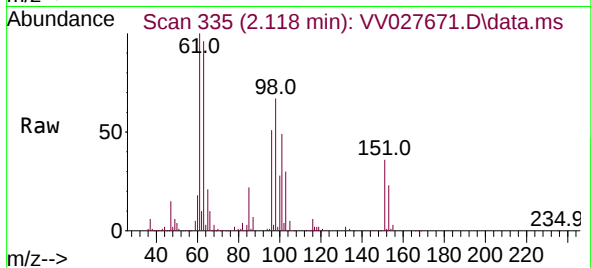
Tgt Ion:101 Resp: 59977

Ion Ratio Lower Upper

101 100

85 46.2 36.7 55.1

151 74.3 60.9 91.3



#12

1,1-Dichloroethene

Concen: 5.223 ug/L

RT: 2.121 min Scan# 336

Delta R.T. 0.000 min

Lab File: VV027671.D

Acq: 01 Sep 2022 15:25

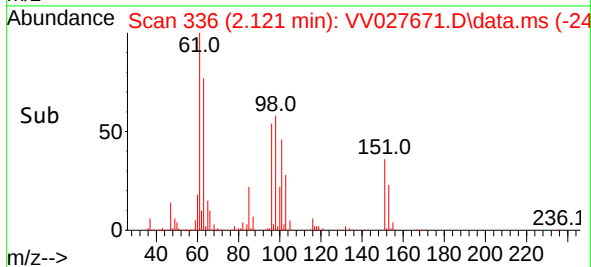
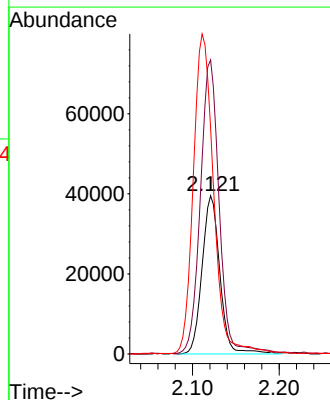
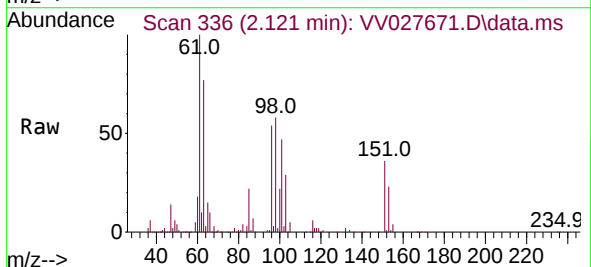
Tgt Ion: 96 Resp: 56433

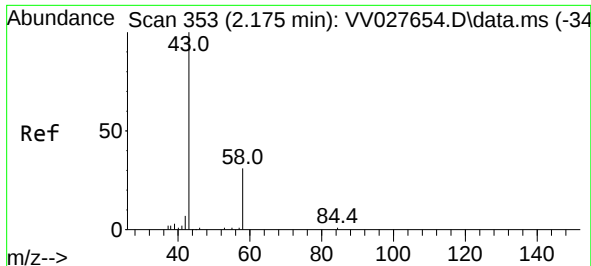
Ion Ratio Lower Upper

96 100

61 185.9 134.3 249.3

63 143.0 105.7 196.3





#13

Acetone

Concen: 56.099 ug/L

RT: 2.237 min Scan# 31

Delta R.T. 0.061 min

Lab File: VV027671.D

Acq: 01 Sep 2022 15:25

Instrument :

MSVOA_V

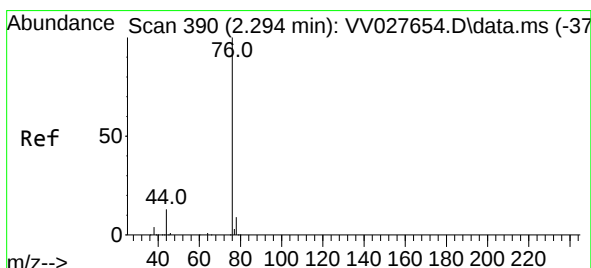
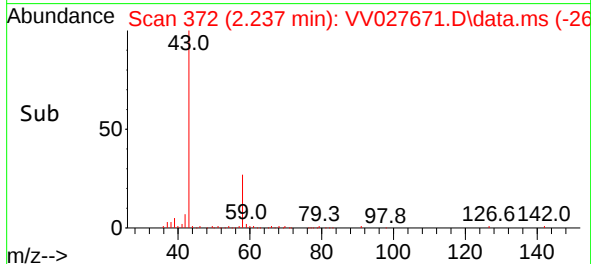
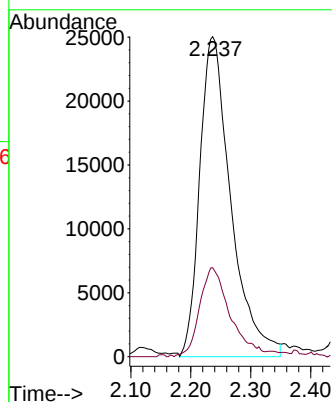
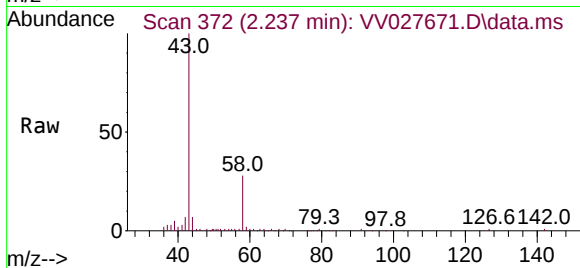
ClientSampleId :

Tgt Ion: 43 Resp: 90246

Ion Ratio Lower Upper

43 100

58 27.1 0.0 38.4



#14

Carbon disulfide

Concen: 4.434 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV027671.D

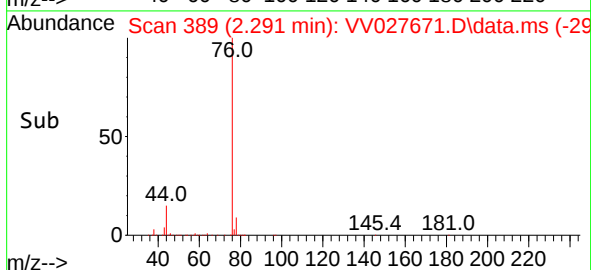
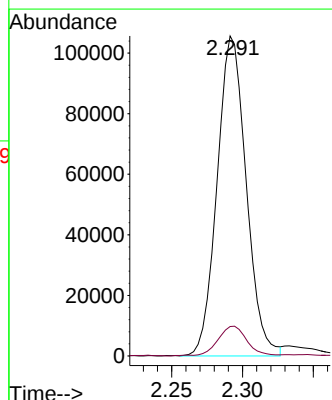
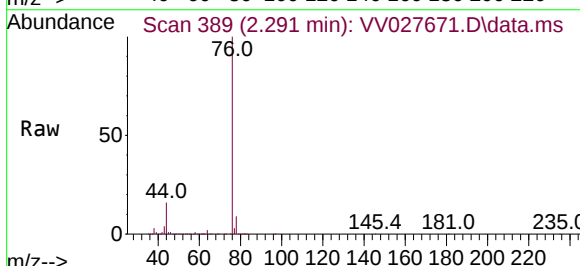
Acq: 01 Sep 2022 15:25

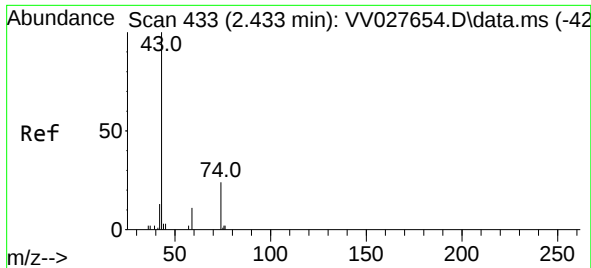
Tgt Ion: 76 Resp: 151383

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.0

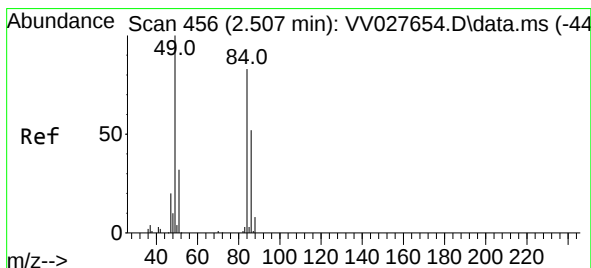
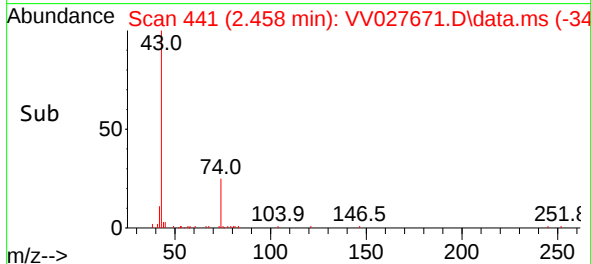
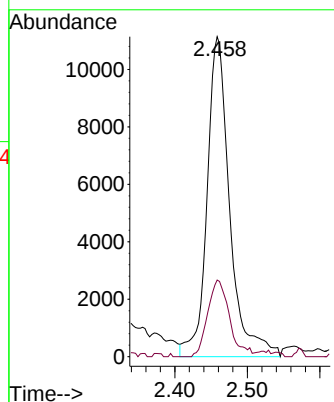
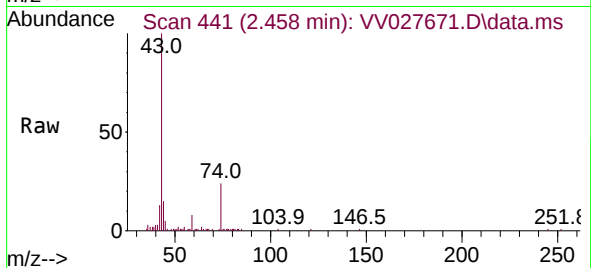




#15
Methyl Acetate
Concen: 5.666 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.026 min
Lab File: VV027671.D
Acq: 01 Sep 2022 15:25

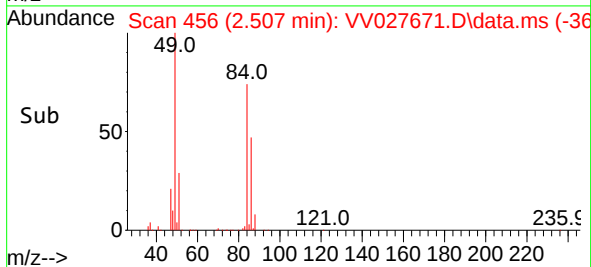
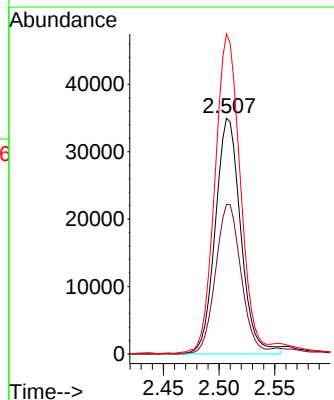
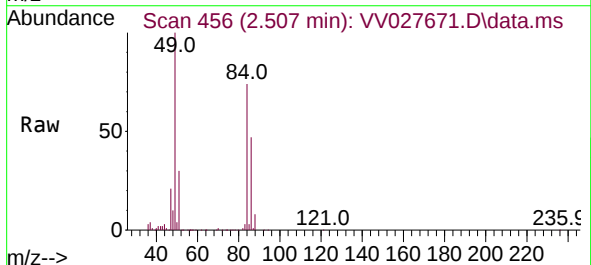
Instrument :
MSVOA_V
ClientSampleId :

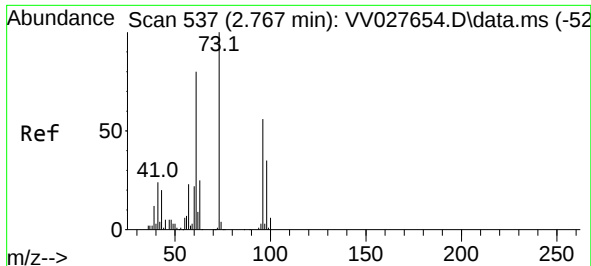
Tgt Ion: 43 Resp: 24180
Ion Ratio Lower Upper
43 100
74 23.1 18.2 27.4



#16
Methylene chloride
Concen: 4.088 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV027671.D
Acq: 01 Sep 2022 15:25

Tgt Ion: 84 Resp: 55720
Ion Ratio Lower Upper
84 100
86 63.4 43.9 81.5
49 135.8 92.5 171.7





#17

Methyl tert-butyl Ether

Concen: 5.555 ug/L

RT: 2.793 min Scan# 54

Delta R.T. 0.026 min

Lab File: VV027671.D

Acq: 01 Sep 2022 15:25

Instrument :

MSVOA_V

ClientSampleId :

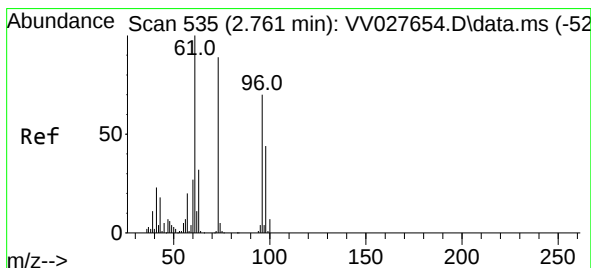
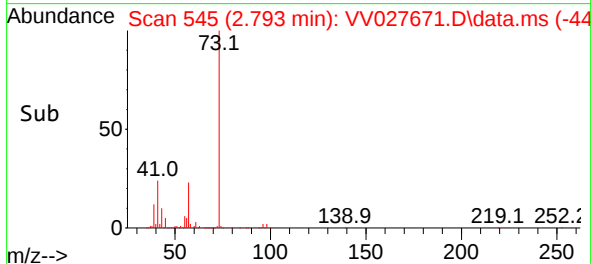
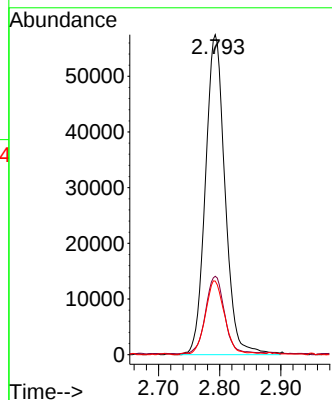
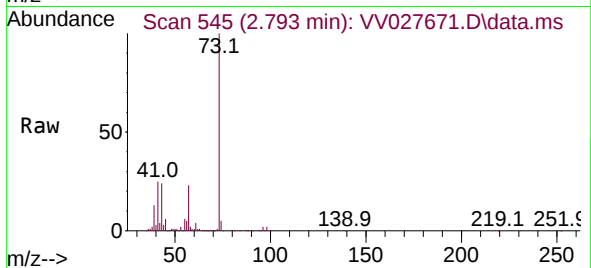
Tgt Ion: 73 Resp: 128223

Ion Ratio Lower Upper

73 100

43 23.3 16.5 24.7

57 21.6 18.2 27.2



#18

trans-1,2-Dichloroethene

Concen: 4.803 ug/L

RT: 2.761 min Scan# 535

Delta R.T. 0.000 min

Lab File: VV027671.D

Acq: 01 Sep 2022 15:25

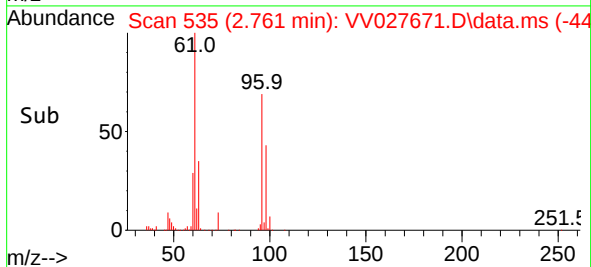
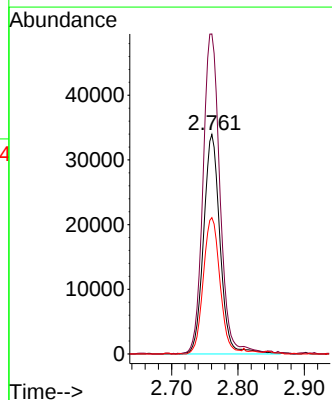
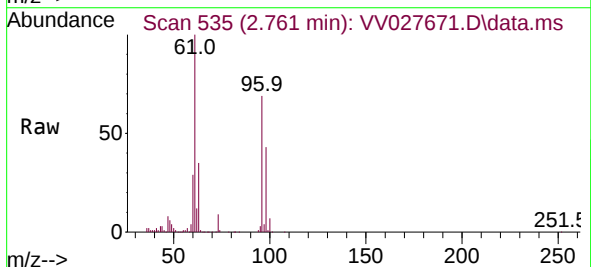
Tgt Ion: 96 Resp: 58822

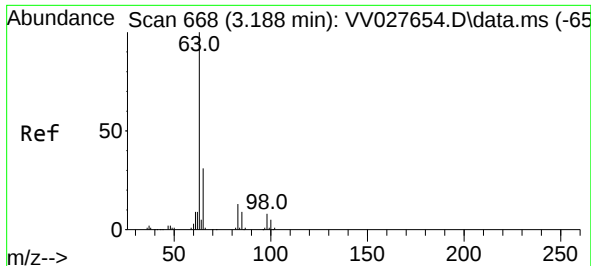
Ion Ratio Lower Upper

96 100

61 145.8 101.8 189.0

98 62.1 44.9 83.3





#19

1,1-Dichloroethane

Concen: 4.831 ug/L

RT: 3.198 min Scan# 61

Delta R.T. 0.010 min

Lab File: VV027671.D

Acq: 01 Sep 2022 15:25

Instrument :

MSVOA_V

ClientSampleId :

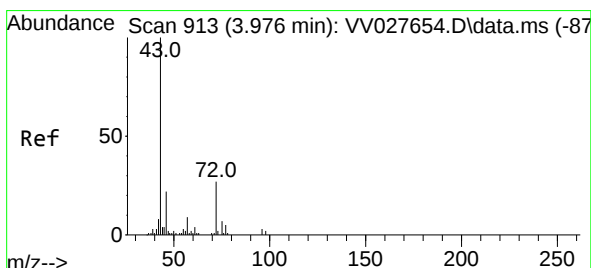
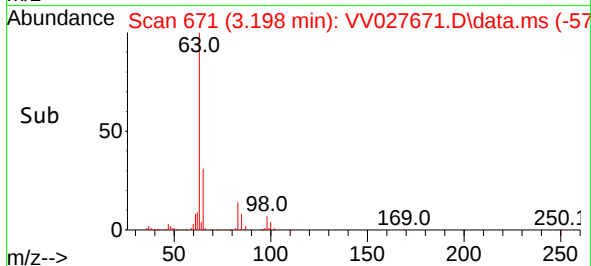
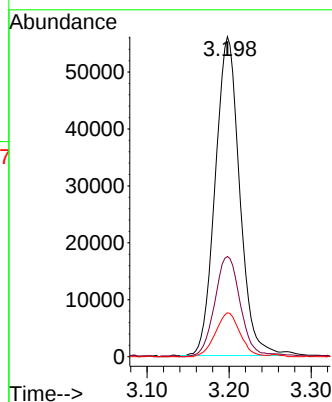
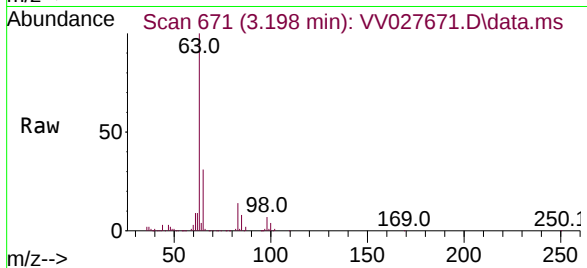
Tgt Ion: 63 Resp: 115818

Ion Ratio Lower Upper

63 100

65 31.3 22.7 42.1

83 13.7 9.7 18.1



#21

2-Butanone

Concen: 63.455 ug/L

RT: 4.050 min Scan# 936

Delta R.T. 0.074 min

Lab File: VV027671.D

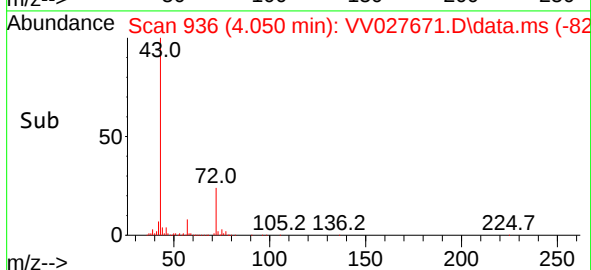
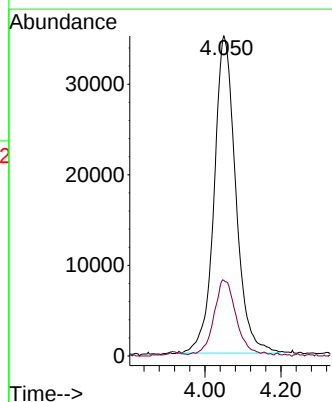
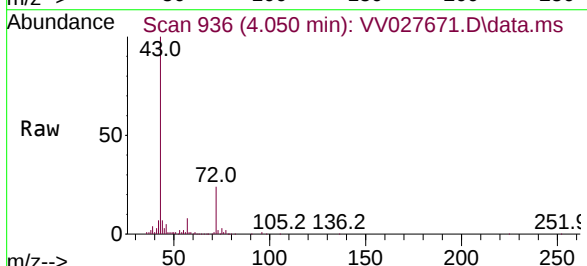
Acq: 01 Sep 2022 15:25

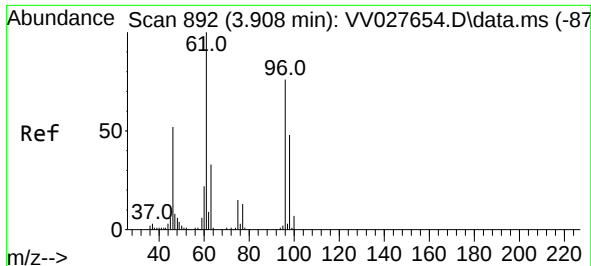
Tgt Ion: 43 Resp: 138444

Ion Ratio Lower Upper

43 100

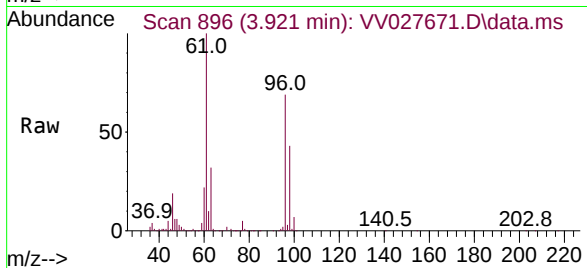
72 23.1 8.3 24.9



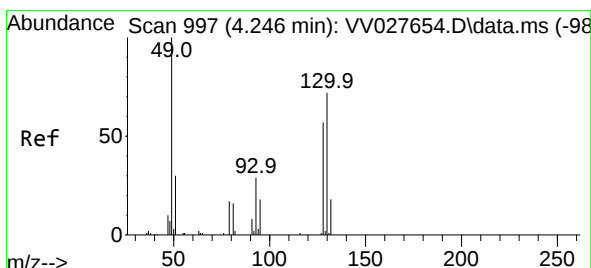
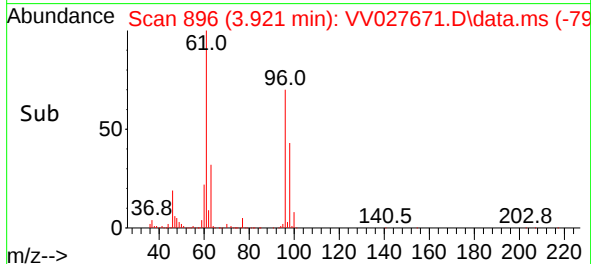
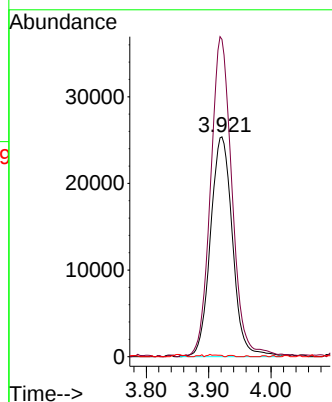


#22
 cis-1,2-Dichloroethene
 Concen: 5.088 ug/L
 RT: 3.921 min Scan# 896
 Delta R.T. 0.013 min
 Lab File: VV027671.D
 Acq: 01 Sep 2022 15:25

Instrument :
 MSVOA_V
 ClientSampleId :

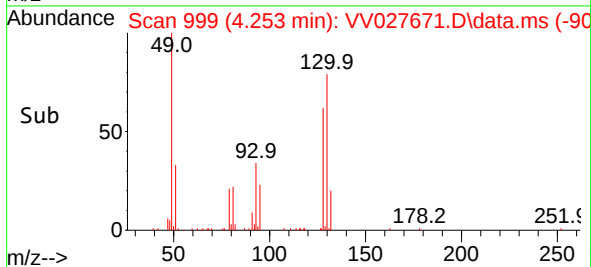
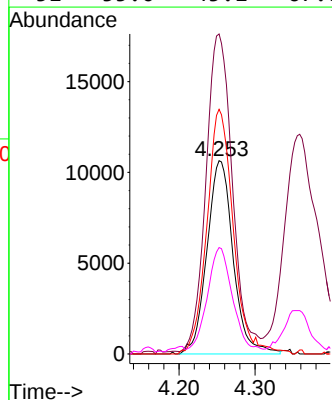
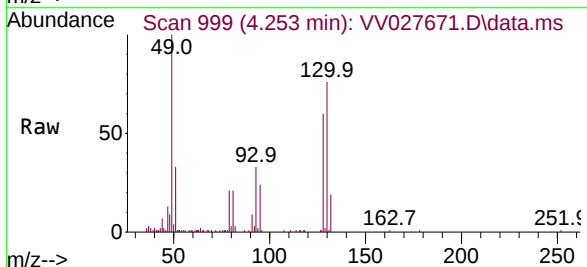


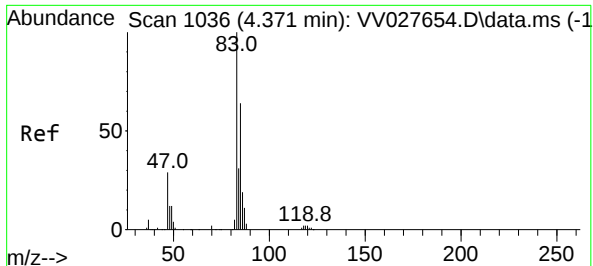
Tgt Ion: 96 Resp: 62189
 Ion Ratio Lower Upper
 96 100
 61 144.3 96.9 180.1
 68 0.6 0.0 0.0#



#23
 Bromochloromethane
 Concen: 4.706 ug/L
 RT: 4.253 min Scan# 999
 Delta R.T. 0.007 min
 Lab File: VV027671.D
 Acq: 01 Sep 2022 15:25

Tgt Ion:128 Resp: 25482
 Ion Ratio Lower Upper
 128 100
 49 165.5 120.1 223.1
 130 126.6 89.0 165.4
 51 55.0 45.1 67.7





#25

Chloroform

Concen: 4.839 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.010 min

Lab File: VV027671.D

Acq: 01 Sep 2022 15:25

Instrument :

MSVOA_V

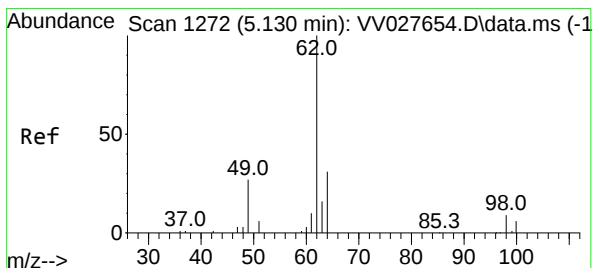
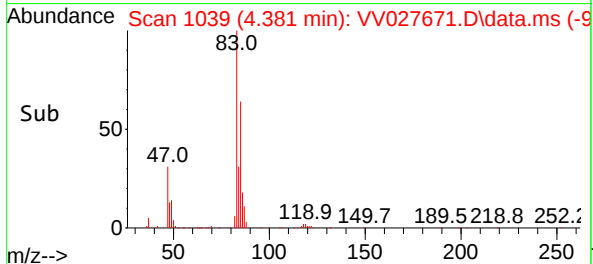
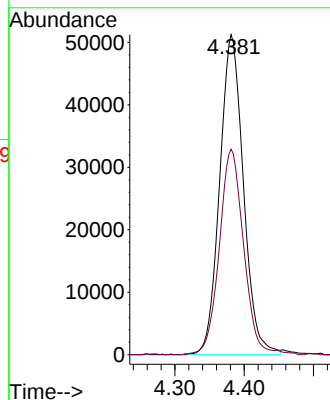
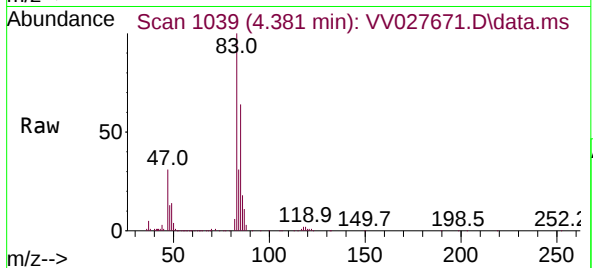
ClientSampleId :

Tgt Ion: 83 Resp: 121811

Ion Ratio Lower Upper

83 100

85 64.2 44.7 83.1



#27

1,2-Dichloroethane

Concen: 5.331 ug/L

RT: 5.137 min Scan# 1274

Delta R.T. 0.007 min

Lab File: VV027671.D

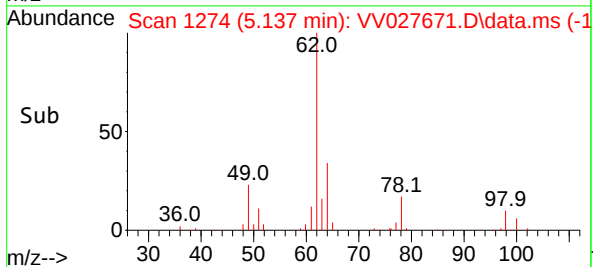
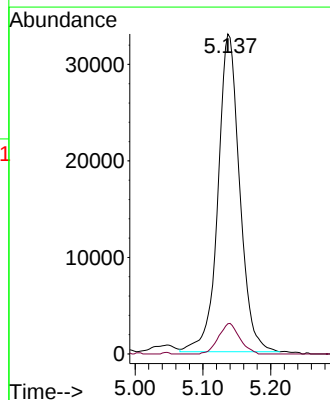
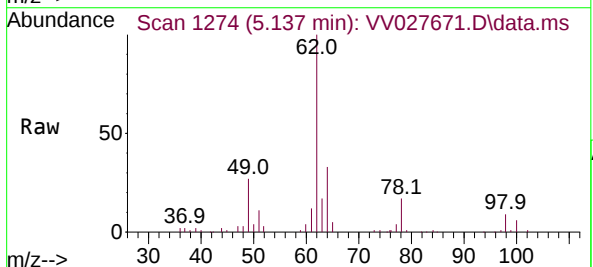
Acq: 01 Sep 2022 15:25

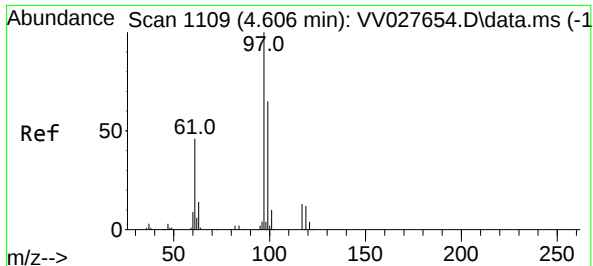
Tgt Ion: 62 Resp: 73274

Ion Ratio Lower Upper

62 100

98 9.5 7.0 10.6





#29

1,1,1-Trichloroethane

Concen: 5.380 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV027671.D

Acq: 01 Sep 2022 15:25

Instrument :

MSVOA_V

ClientSampleId :

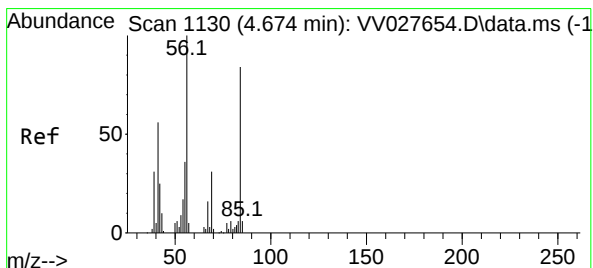
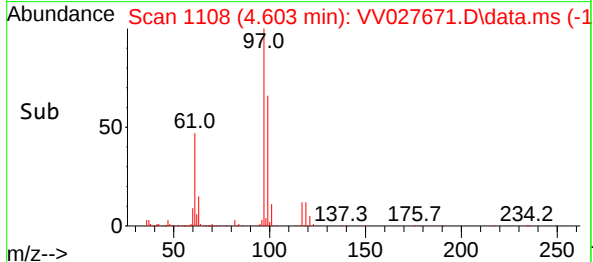
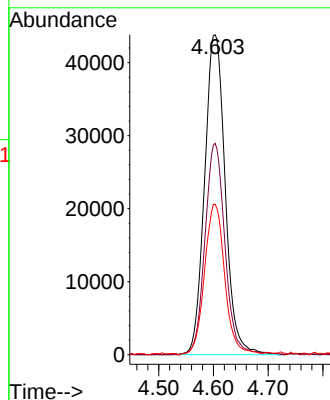
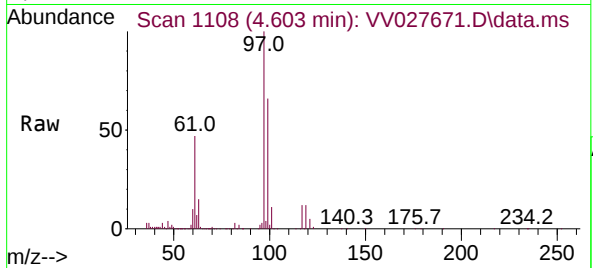
Tgt Ion: 97 Resp: 114637

Ion Ratio Lower Upper

97 100

99 63.9 50.6 75.8

61 46.3 36.1 54.1



#30

Cyclohexane

Concen: 5.526 ug/L

RT: 4.661 min Scan# 1126

Delta R.T. -0.013 min

Lab File: VV027671.D

Acq: 01 Sep 2022 15:25

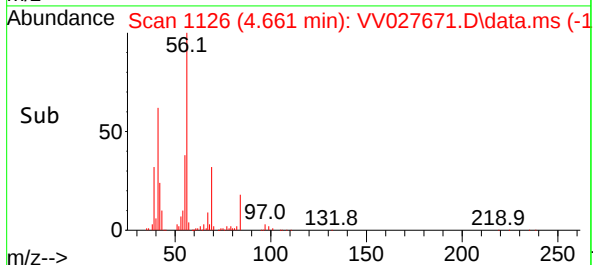
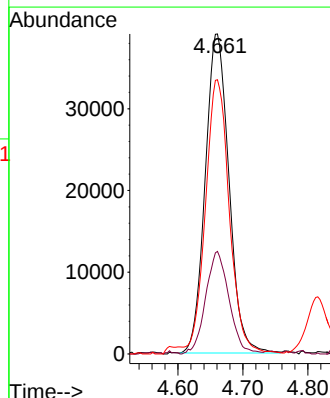
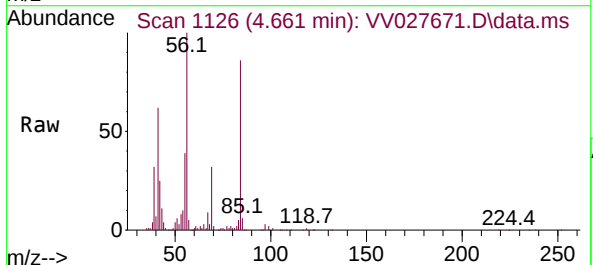
Tgt Ion: 56 Resp: 99322

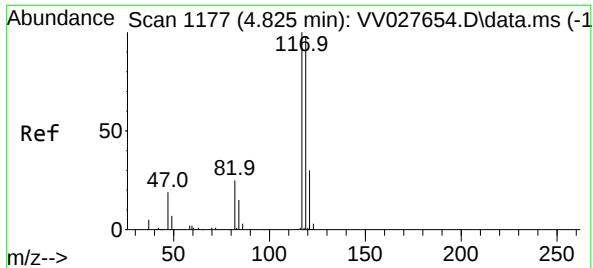
Ion Ratio Lower Upper

56 100

69 31.6 24.1 36.1

84 85.8 66.9 100.3

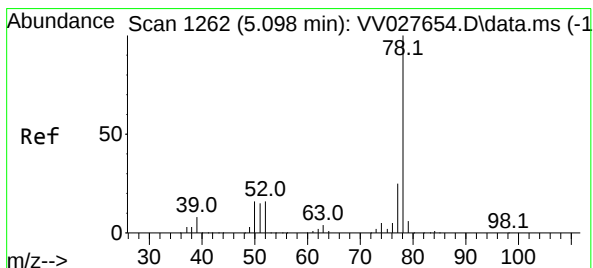
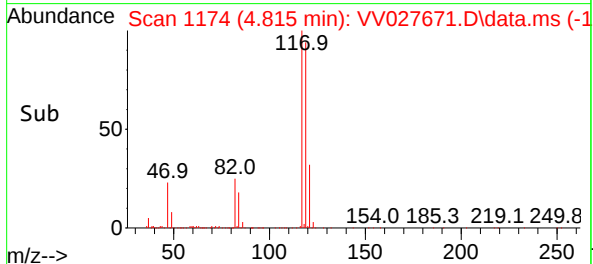
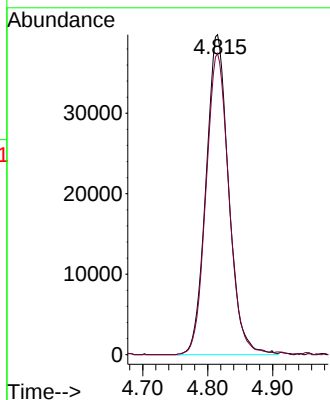
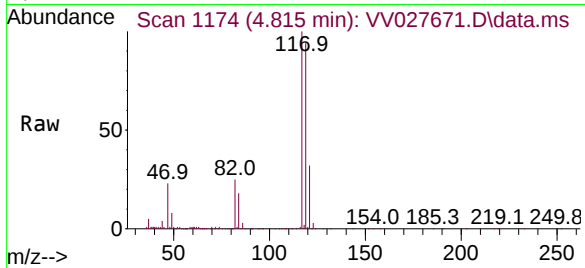




#31
Carbon tetrachloride
Concen: 5.293 ug/L
RT: 4.815 min Scan# 1177
Delta R.T. -0.010 min
Lab File: VV027671.D
Acq: 01 Sep 2022 15:25

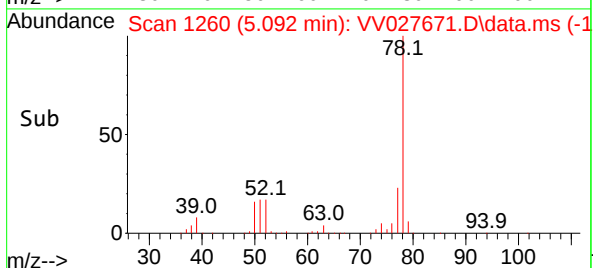
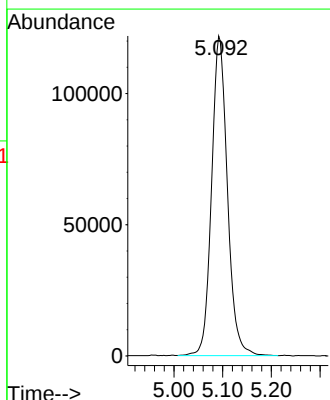
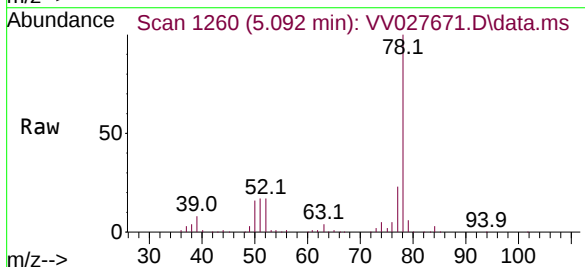
Instrument :
MSVOA_V
ClientSampleId :

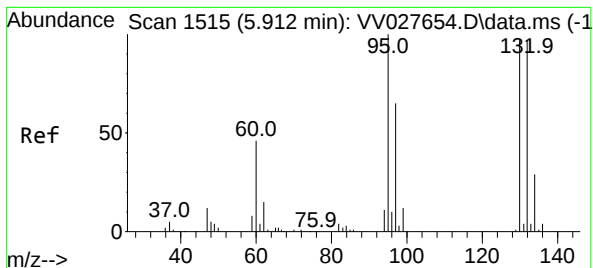
Tgt Ion:117 Resp: 96514
Ion Ratio Lower Upper
117 100
119 95.4 76.8 115.2



#33
Benzene
Concen: 5.706 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VV027671.D
Acq: 01 Sep 2022 15:25

Tgt Ion: 78 Resp: 274244





#34

Trichloroethene

Concen: 5.255 ug/L

RT: 5.918 min Scan# 1515

Delta R.T. 0.007 min

Lab File: VV027671.D

Acq: 01 Sep 2022 15:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 62092

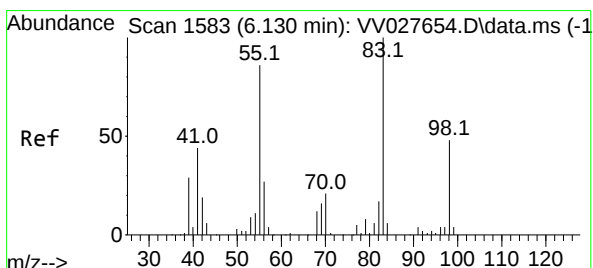
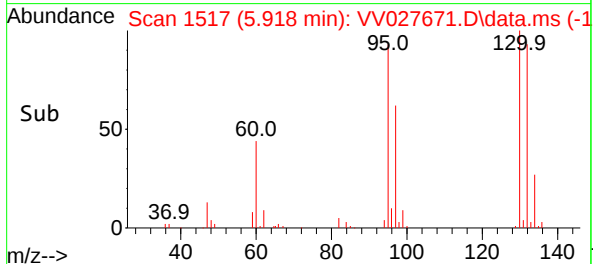
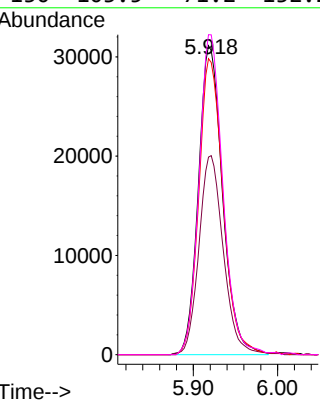
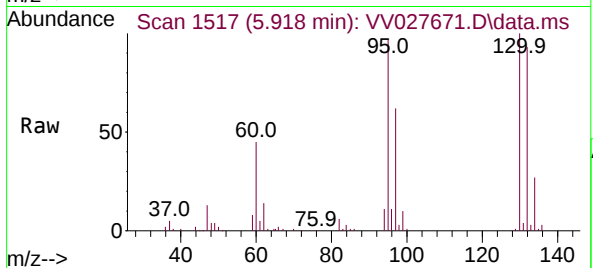
Ion Ratio Lower Upper

95 100

97 64.0 46.1 85.5

132 95.8 67.3 125.1

130 103.5 71.2 132.2



#35

Methylcyclohexane

Concen: 5.177 ug/L

RT: 6.133 min Scan# 1584

Delta R.T. 0.003 min

Lab File: VV027671.D

Acq: 01 Sep 2022 15:25

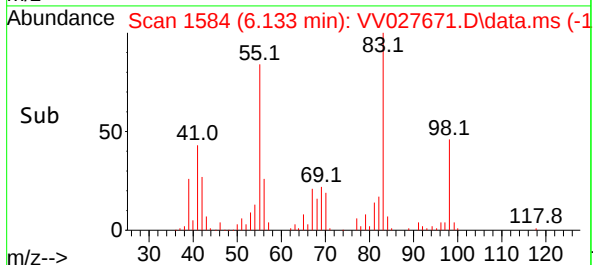
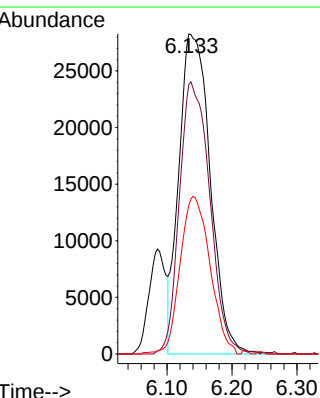
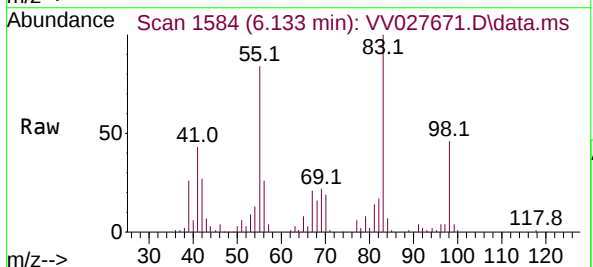
Tgt Ion: 83 Resp: 94927

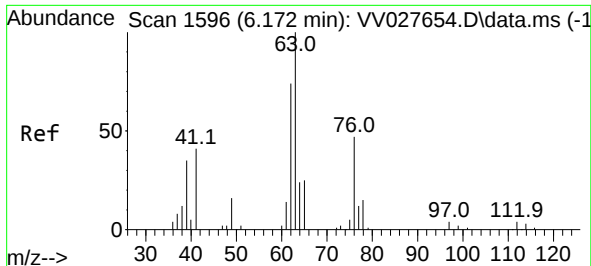
Ion Ratio Lower Upper

83 100

55 82.3 66.0 99.0

98 47.0 36.9 55.3





#37

1,2-Dichloropropane

Concen: 5.389 ug/L

RT: 6.211 min Scan# 1

Delta R.T. 0.039 min

Lab File: VV027671.D

Acq: 01 Sep 2022 15:25

Instrument :

MSVOA_V

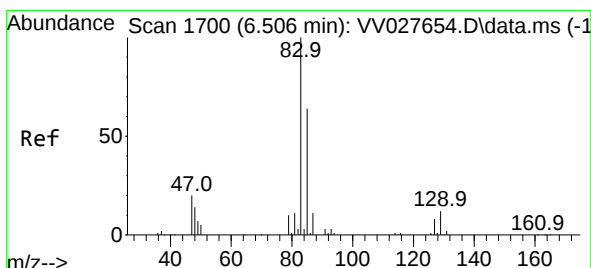
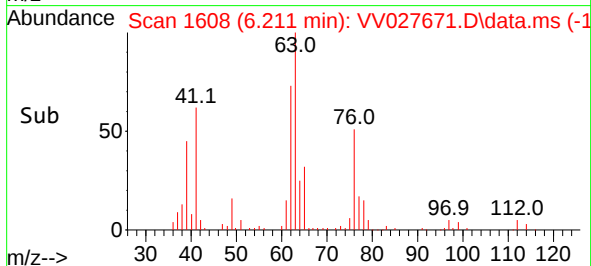
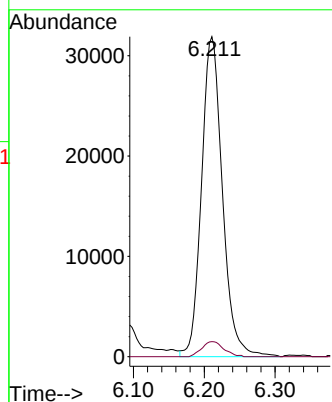
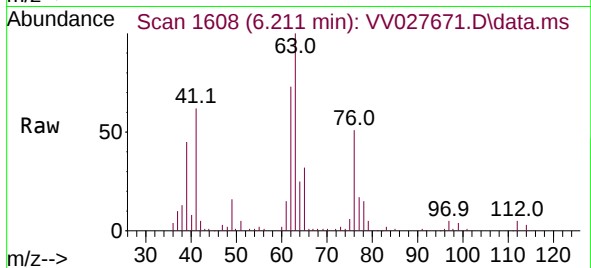
ClientSampleId :

Tgt Ion: 63 Resp: 65408

Ion Ratio Lower Upper

63 100

112 5.0 2.9 4.3#



#38

Bromodichloromethane

Concen: 5.309 ug/L

RT: 6.539 min Scan# 1710

Delta R.T. 0.032 min

Lab File: VV027671.D

Acq: 01 Sep 2022 15:25

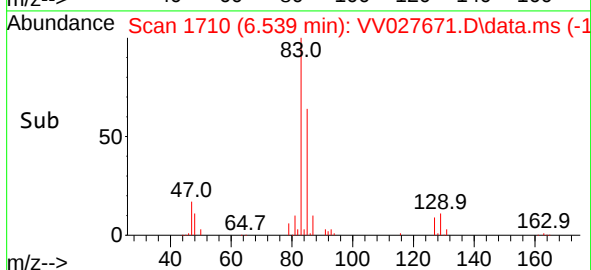
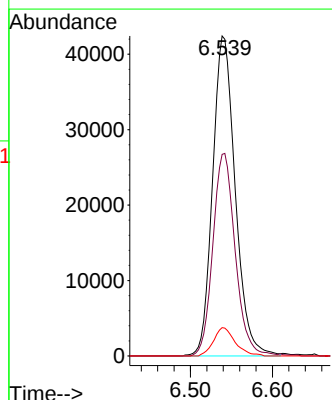
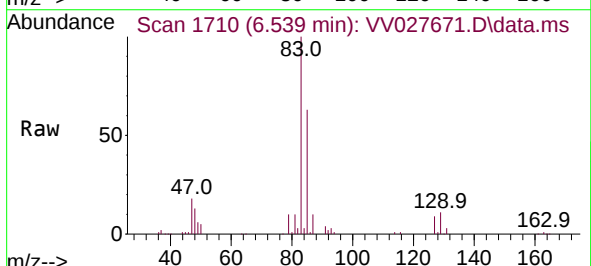
Tgt Ion: 83 Resp: 81496

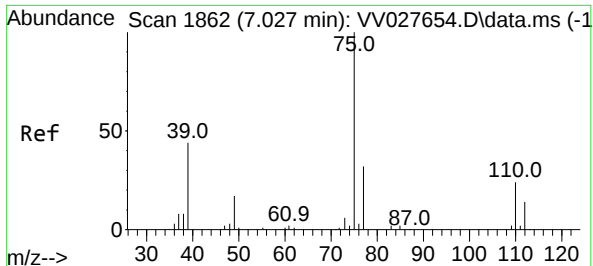
Ion Ratio Lower Upper

83 100

85 63.0 45.2 84.0

127 8.8 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.870 ug/L

RT: 7.053 min Scan# 11

Delta R.T. 0.026 min

Lab File: VV027671.D

Acq: 01 Sep 2022 15:25

Instrument :

MSVOA_V

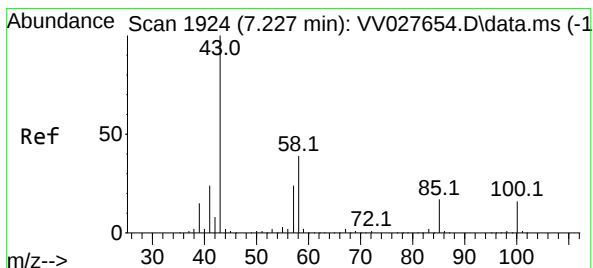
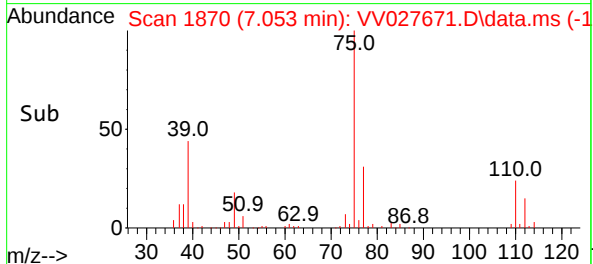
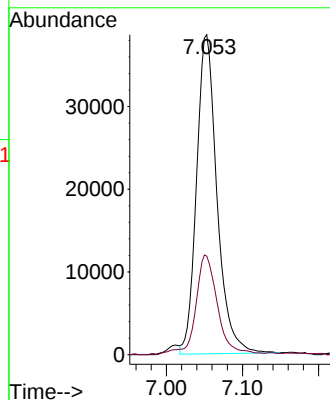
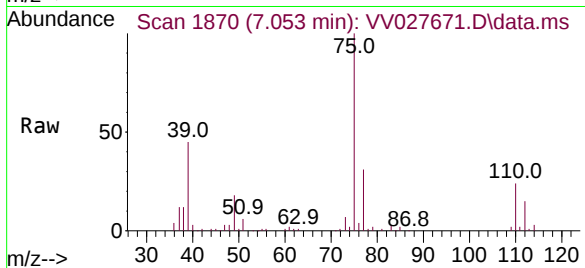
ClientSampleId :

Tgt Ion: 75 Resp: 72157

Ion Ratio Lower Upper

75 100

77 30.8 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 55.059 ug/L

RT: 7.262 min Scan# 1935

Delta R.T. 0.035 min

Lab File: VV027671.D

Acq: 01 Sep 2022 15:25

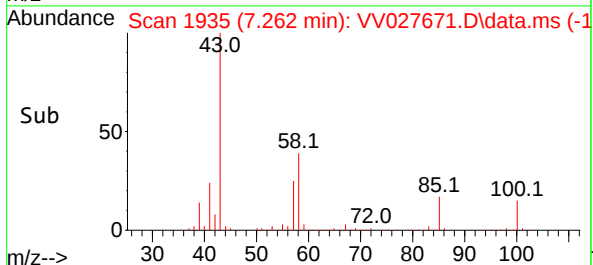
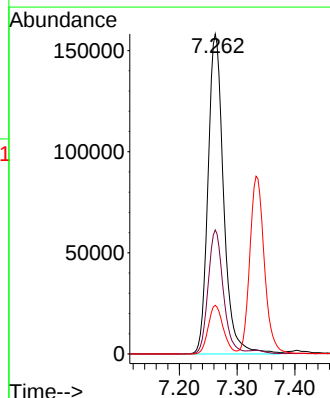
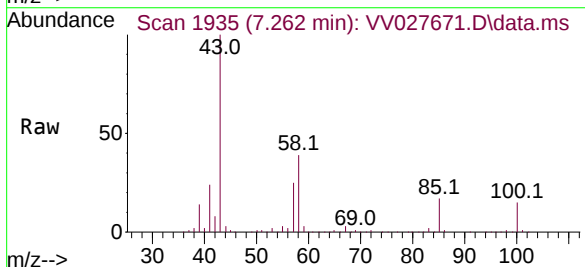
Tgt Ion: 43 Resp: 296996

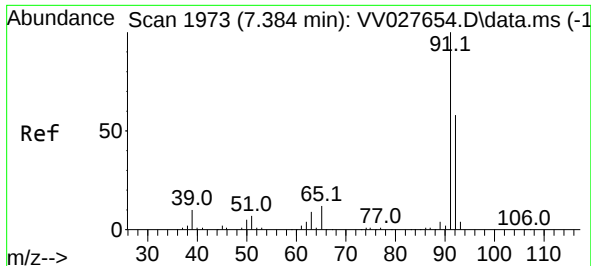
Ion Ratio Lower Upper

43 100

58 37.7 31.4 47.0

100 14.6 10.5 15.7





#42

Toluene

Concen: 5.744 ug/L

RT: 7.407 min Scan# 1973

Delta R.T. 0.023 min

Lab File: VV027671.D

Acq: 01 Sep 2022 15:25

Instrument :

MSVOA_V

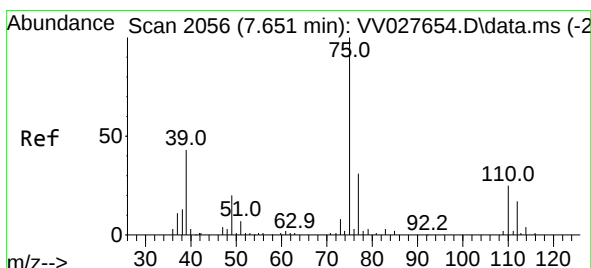
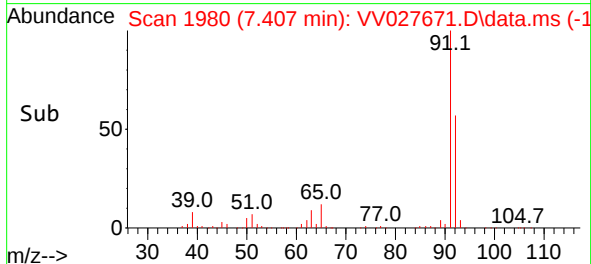
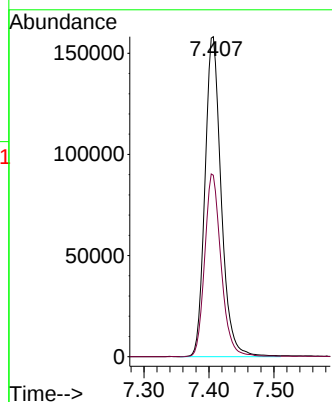
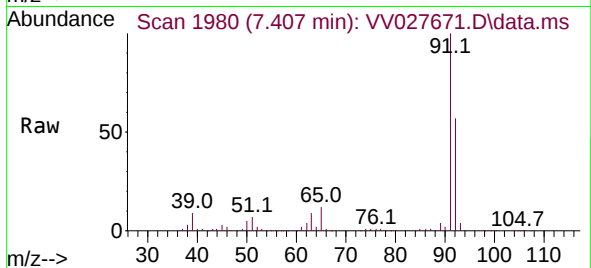
ClientSampleId :

Tgt Ion: 91 Resp: 275671

Ion Ratio Lower Upper

91 100

92 56.7 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.240 ug/L

RT: 7.670 min Scan# 2062

Delta R.T. 0.019 min

Lab File: VV027671.D

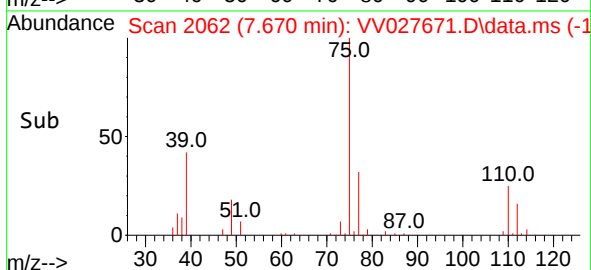
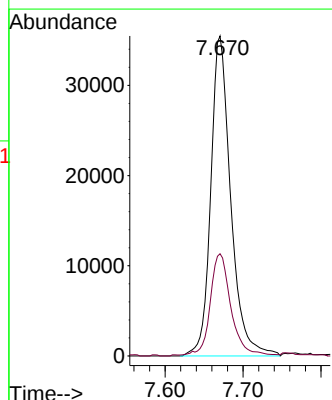
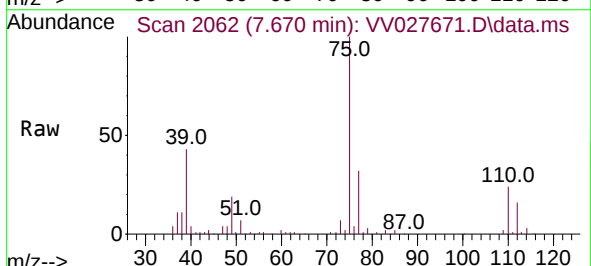
Acq: 01 Sep 2022 15:25

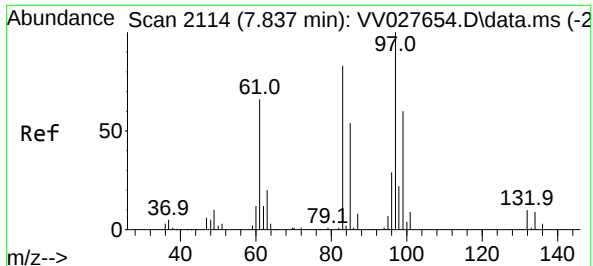
Tgt Ion: 75 Resp: 63284

Ion Ratio Lower Upper

75 100

77 32.0 22.0 41.0

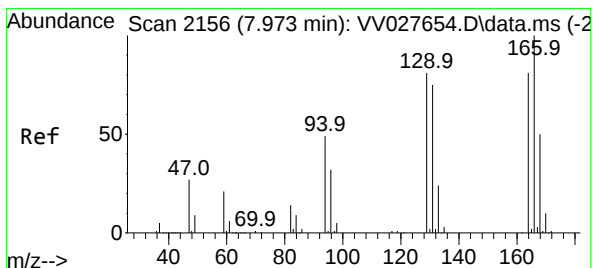
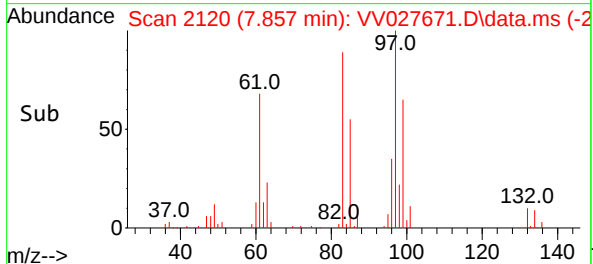
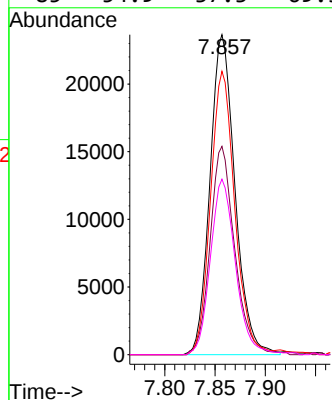
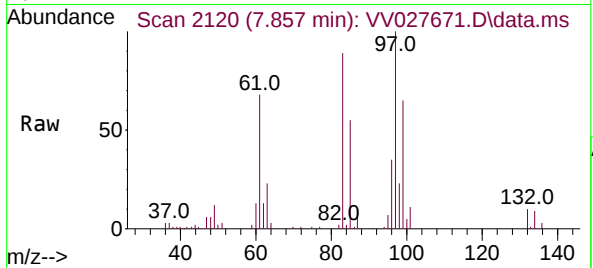




#45
1,1,2-Trichloroethane
Concen: 5.232 ug/L
RT: 7.857 min Scan# 2114
Delta R.T. 0.019 min
Lab File: VV027671.D
Acq: 01 Sep 2022 15:25

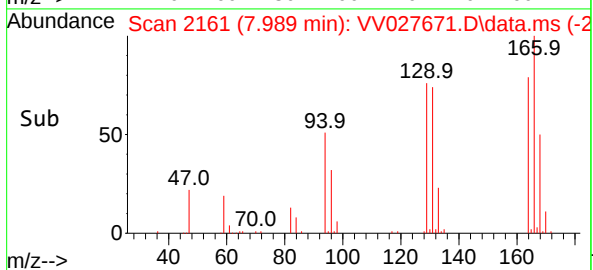
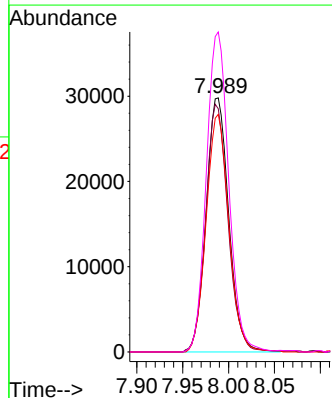
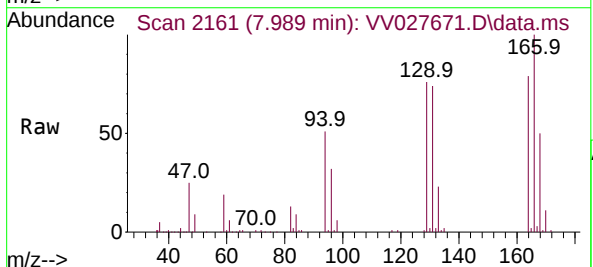
Instrument :
MSVOA_V
ClientSampleId :

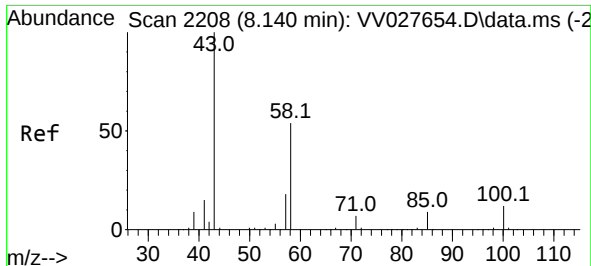
Tgt Ion: 97	Resp: 40960
Ion Ratio	Lower Upper
97	100
99	65.1 41.3 76.7
83	88.6 57.5 106.9
85	54.9 37.3 69.3



#47
Tetrachloroethene
Concen: 5.334 ug/L
RT: 7.989 min Scan# 2161
Delta R.T. 0.016 min
Lab File: VV027671.D
Acq: 01 Sep 2022 15:25

Tgt Ion: 164	Resp: 51102
Ion Ratio	Lower Upper
164	100
129	95.7 65.9 122.3
131	93.5 64.5 119.7
166	125.9 88.8 165.0

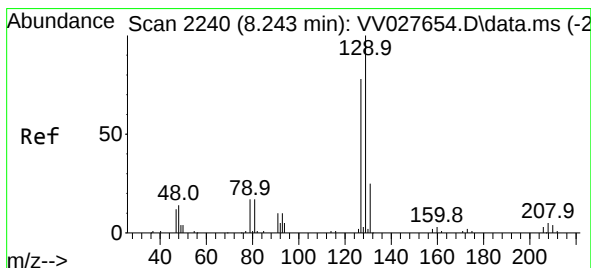
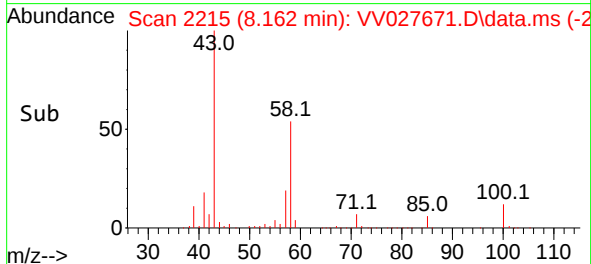
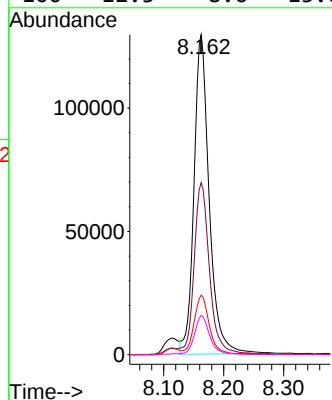
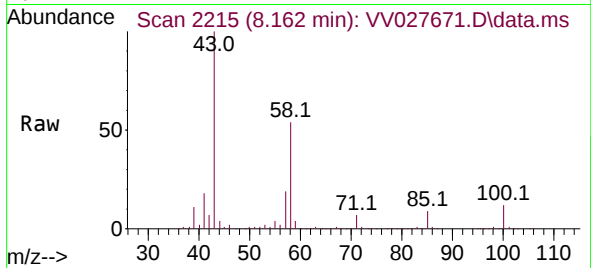




#48
2-Hexanone
Concen: 56.693 ug/L
RT: 8.162 min Scan# 21
Delta R.T. 0.023 min
Lab File: VV027671.D
Acq: 01 Sep 2022 15:25

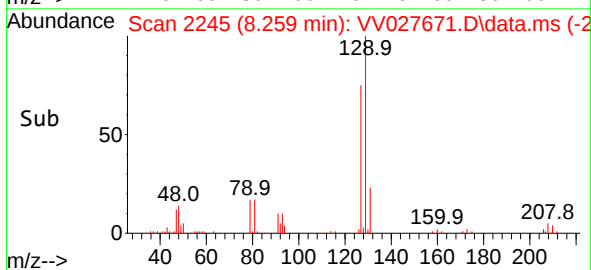
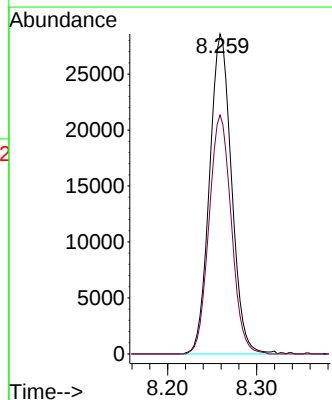
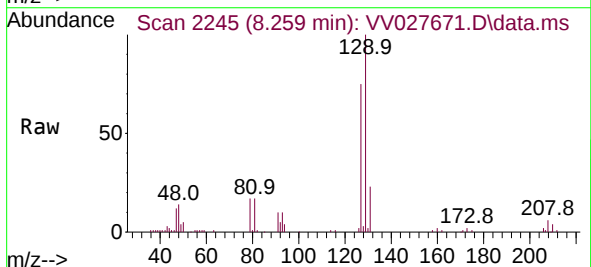
Instrument :
MSVOA_V
ClientSampleId :

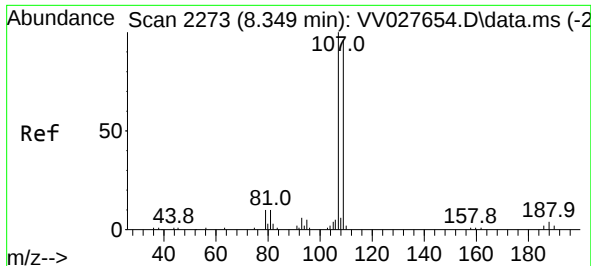
Tgt Ion: 43 Resp: 229497
Ion Ratio Lower Upper
43 100
58 54.2 42.1 63.1
57 18.4 14.5 21.7
100 12.3 8.6 13.0



#49
Dibromochloromethane
Concen: 5.292 ug/L
RT: 8.259 min Scan# 2245
Delta R.T. 0.016 min
Lab File: VV027671.D
Acq: 01 Sep 2022 15:25

Tgt Ion: 129 Resp: 49084
Ion Ratio Lower Upper
129 100
127 74.7 52.4 97.4





#50

1,2-Dibromoethane

Concen: 5.359 ug/L

RT: 8.368 min Scan# 2441

Delta R.T. 0.019 min

Lab File: VV027671.D

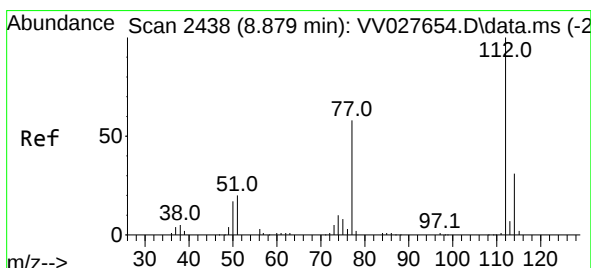
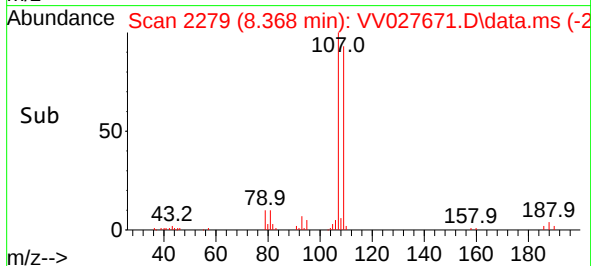
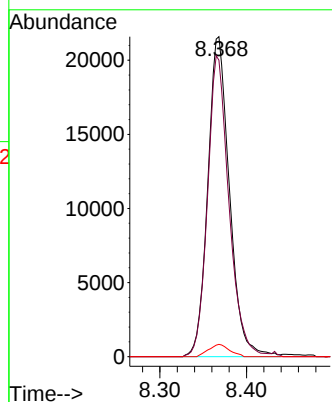
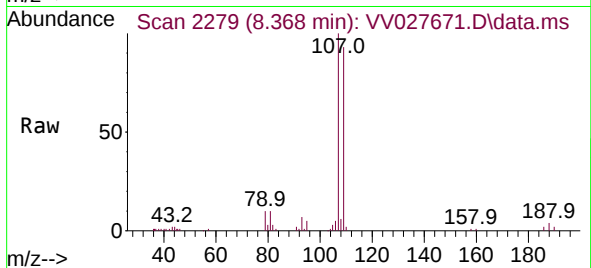
Acq: 01 Sep 2022 15:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	37580
Ion Ratio	Lower	Upper
107	100	
109	92.7	66.2 123.0
188	3.8	2.6 3.8#



#51

Chlorobenzene

Concen: 5.352 ug/L

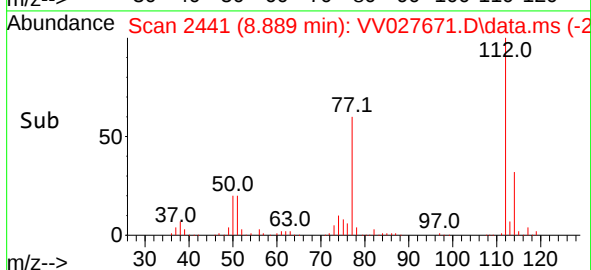
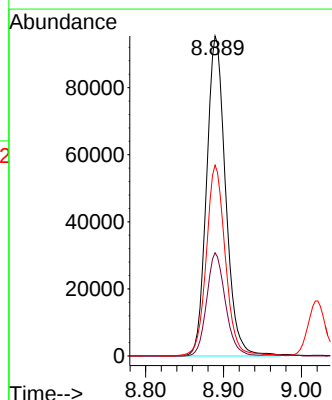
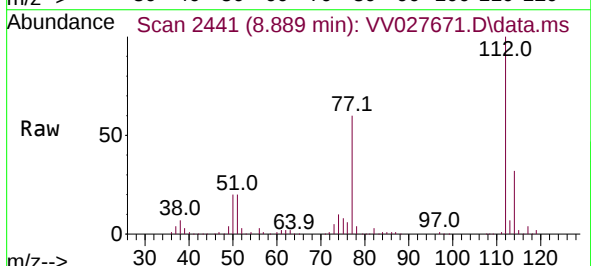
RT: 8.889 min Scan# 2441

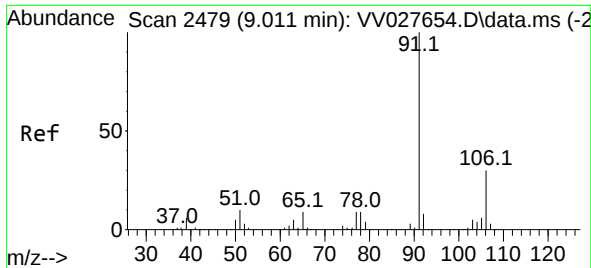
Delta R.T. 0.010 min

Lab File: VV027671.D

Acq: 01 Sep 2022 15:25

Tgt Ion:112	Resp:	161942
Ion Ratio	Lower	Upper
112	100	
114	32.2	22.3 41.3
77	59.7	48.5 72.7





#52

Ethylbenzene

Concen: 5.262 ug/L

RT: 9.018 min Scan# 24

Delta R.T. 0.007 min

Lab File: VV027671.D

Acq: 01 Sep 2022 15:25

Instrument :

MSVOA_V

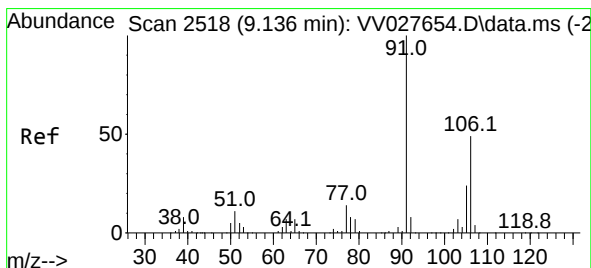
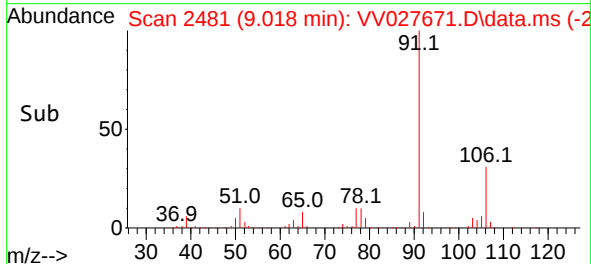
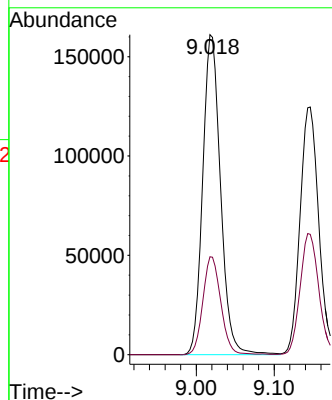
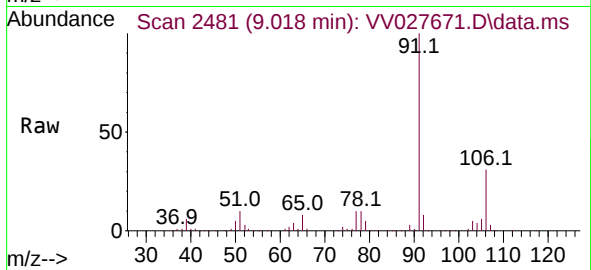
ClientSampleId :

Tgt Ion: 91 Resp: 255878

Ion Ratio Lower Upper

91 100

106 30.6 21.9 40.7



#53

m,p-Xylene

Concen: 5.445 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.007 min

Lab File: VV027671.D

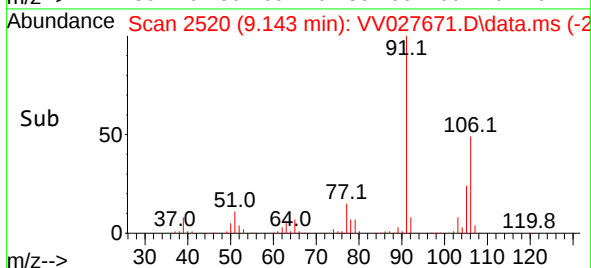
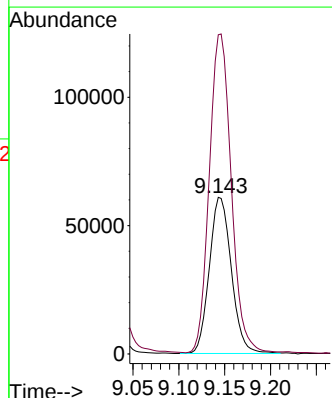
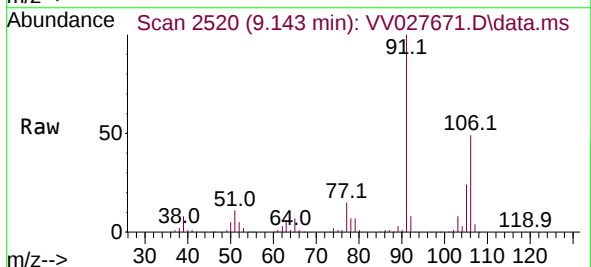
Acq: 01 Sep 2022 15:25

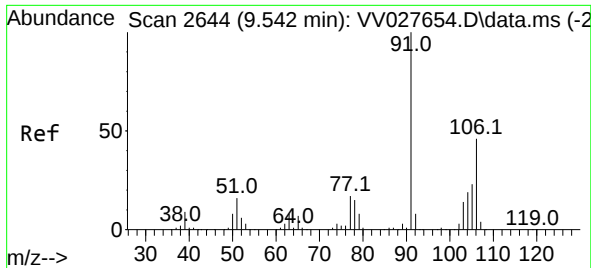
Tgt Ion: 106 Resp: 101784

Ion Ratio Lower Upper

106 100

91 203.8 147.3 273.5

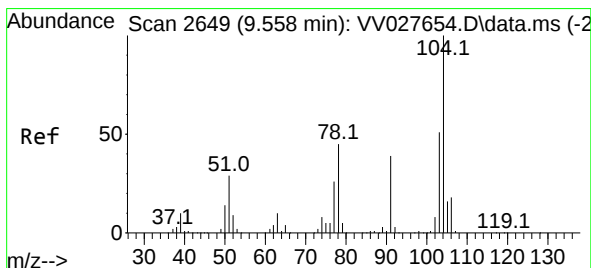
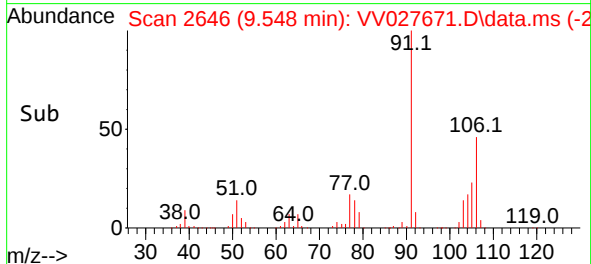
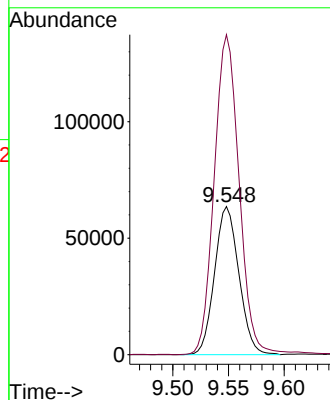
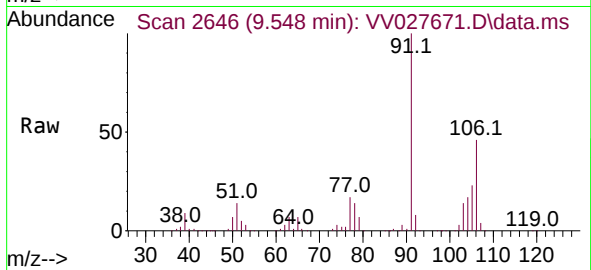




#54
o-Xylene
Concen: 5.416 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.007 min
Lab File: VV027671.D
Acq: 01 Sep 2022 15:25

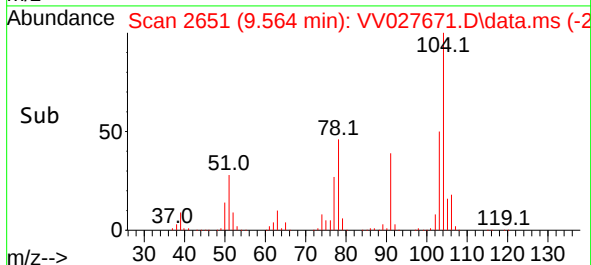
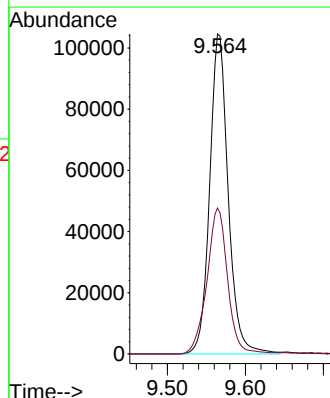
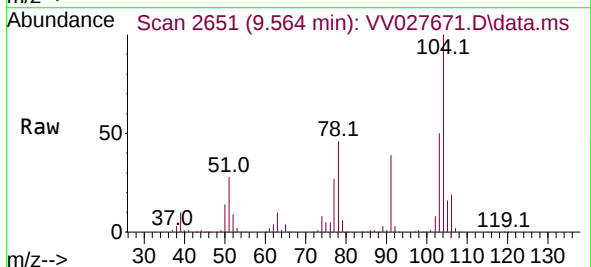
Instrument :
MSVOA_V
ClientSampleId :

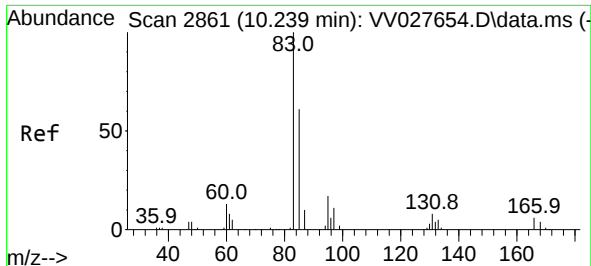
Tgt Ion:106 Resp: 96609
Ion Ratio Lower Upper
106 100
91 216.0 152.9 284.1



#55
Styrene
Concen: 5.679 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.007 min
Lab File: VV027671.D
Acq: 01 Sep 2022 15:25

Tgt Ion:104 Resp: 173005
Ion Ratio Lower Upper
104 100
78 45.6 31.1 57.7

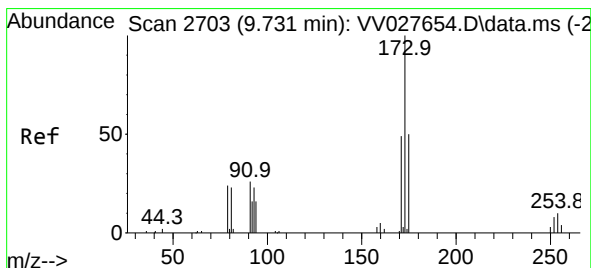
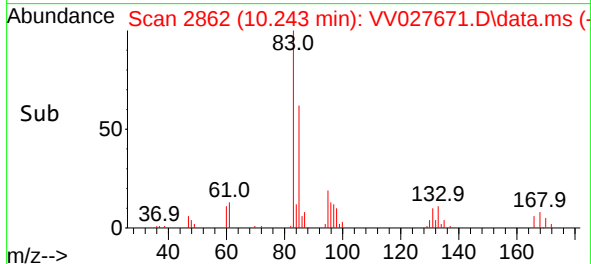
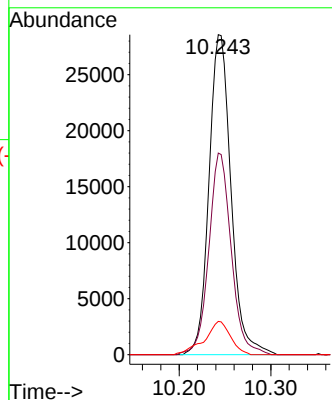
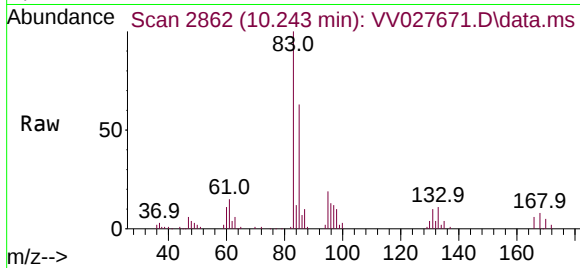




#57
1,1,2,2-Tetrachloroethane
Concen: 5.513 ug/L
RT: 10.243 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027671.D
Acq: 01 Sep 2022 15:25

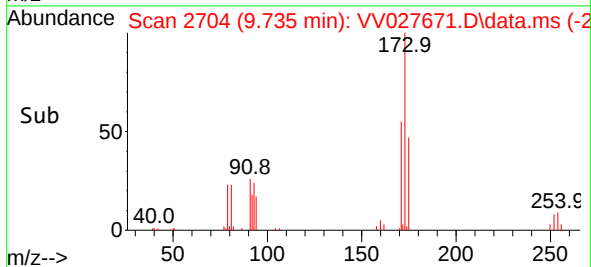
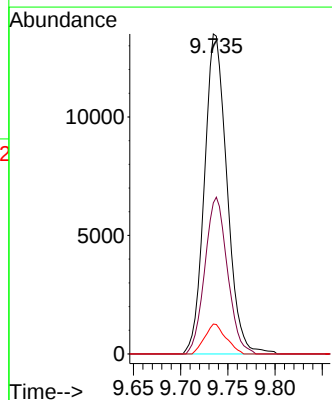
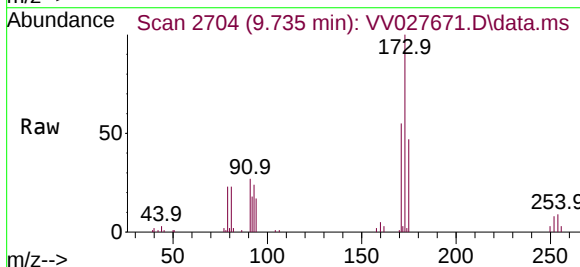
Instrument :
MSVOA_V
ClientSampleId :

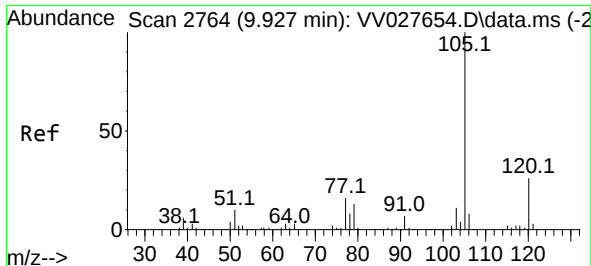
Tgt Ion: 83 Resp: 47717
Ion Ratio Lower Upper
83 100
85 63.0 45.6 84.8
131 10.4 8.0 12.0



#59
Bromoform
Concen: 4.649 ug/L
RT: 9.735 min Scan# 2704
Delta R.T. 0.003 min
Lab File: VV027671.D
Acq: 01 Sep 2022 15:25

Tgt Ion: 173 Resp: 22416
Ion Ratio Lower Upper
173 100
175 49.0 39.0 58.4
254 8.8 7.0 10.4

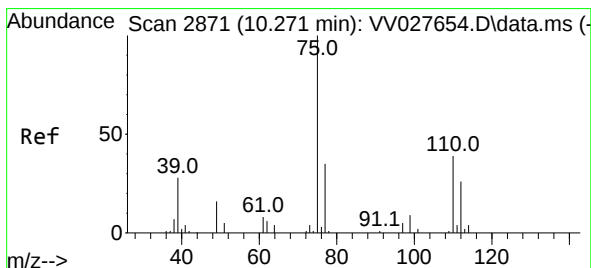
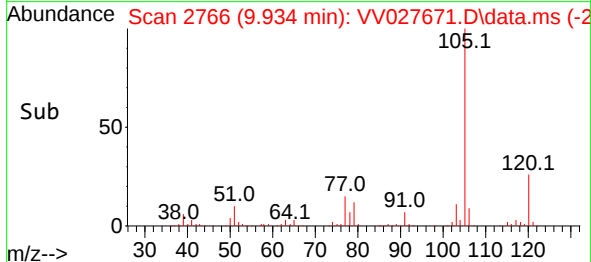
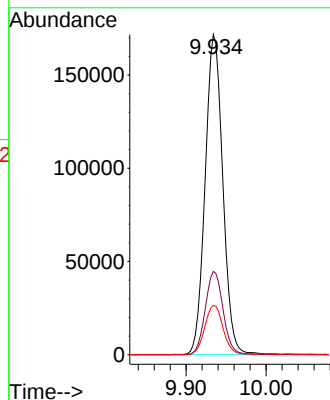
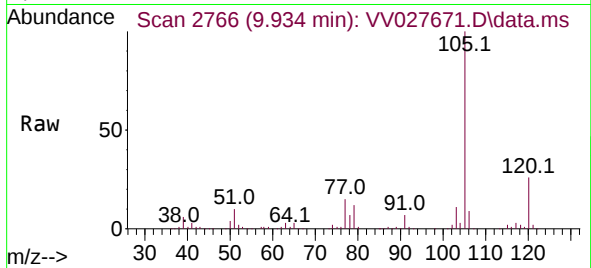




#60
Isopropylbenzene
Concen: 5.146 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV027671.D
Acq: 01 Sep 2022 15:25

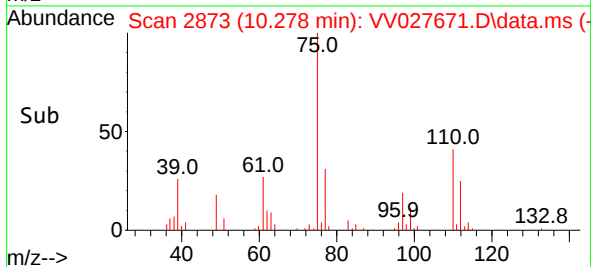
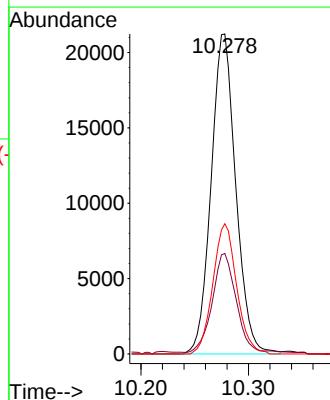
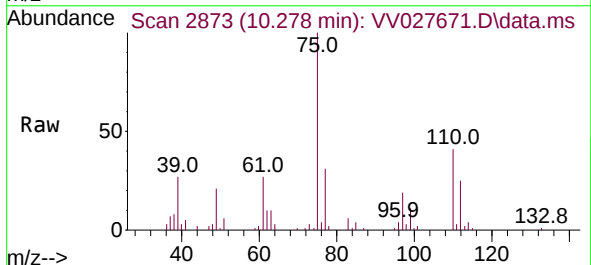
Instrument :
MSVOA_V
ClientSampleId :

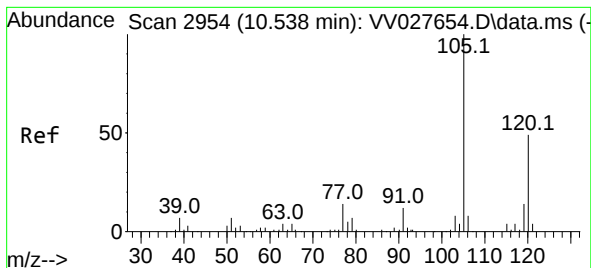
Tgt Ion:105 Resp: 264395
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.4
77 16.1 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 4.929 ug/L
RT: 10.278 min Scan# 2873
Delta R.T. 0.007 min
Lab File: VV027671.D
Acq: 01 Sep 2022 15:25

Tgt Ion: 75 Resp: 33856
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.6
110 39.2 29.8 44.8





#62

1,3,5-Trimethylbenzene

Concen: 4.918 ug/L

RT: 10.542 min Scan# 2954

Delta R.T. 0.003 min

Lab File: VV027671.D

Acq: 01 Sep 2022 15:25

Instrument :

MSVOA_V

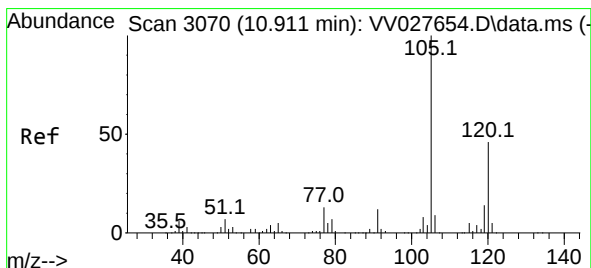
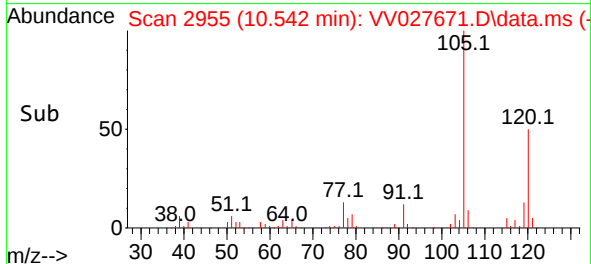
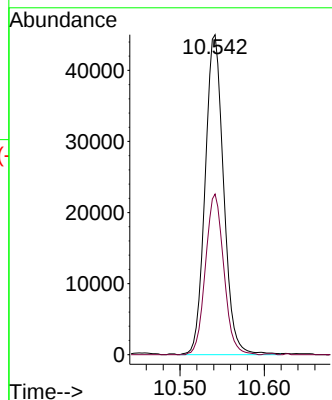
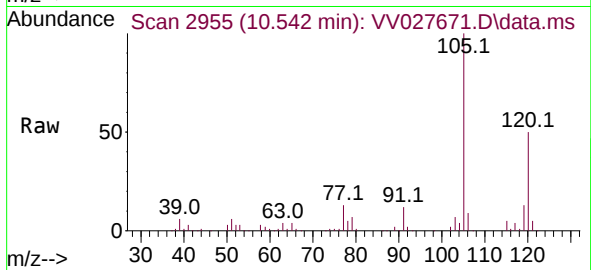
ClientSampleId :

Tgt Ion:105 Resp: 68937

Ion Ratio Lower Upper

105 100

120 49.7 40.4 60.6



#63

1,2,4-Trimethylbenzene

Concen: 4.864 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV027671.D

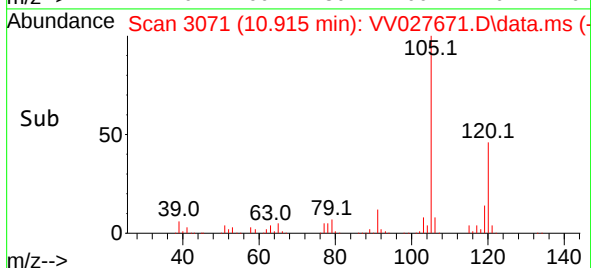
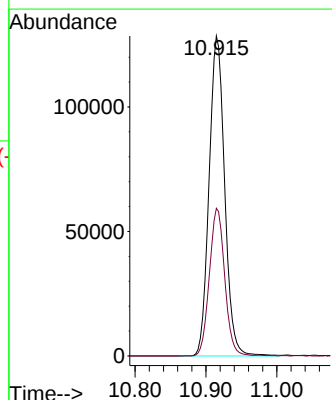
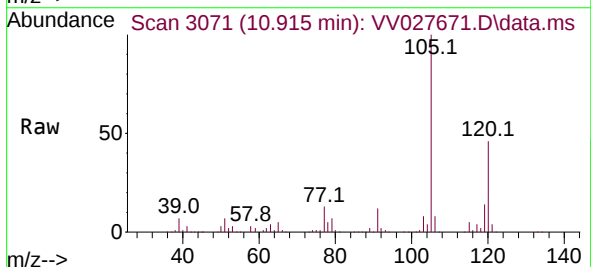
Acq: 01 Sep 2022 15:25

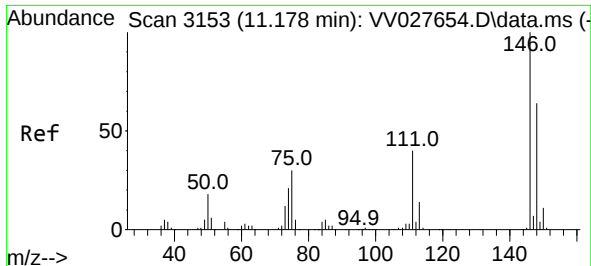
Tgt Ion:105 Resp: 196037

Ion Ratio Lower Upper

105 100

120 45.4 36.1 54.1

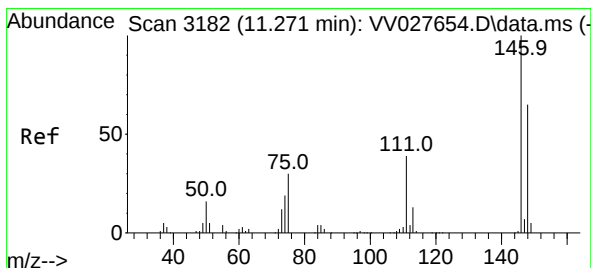
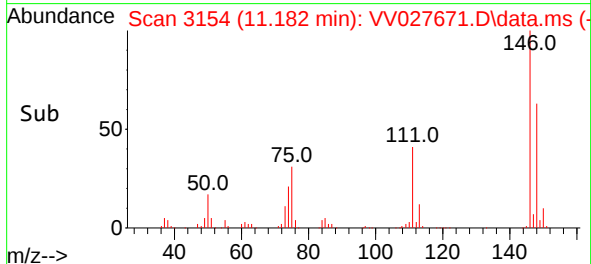
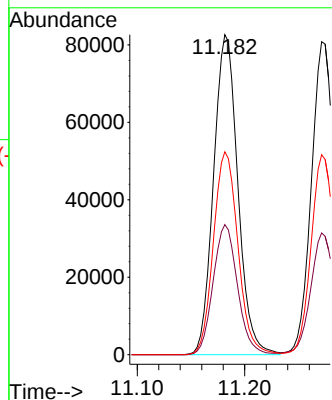
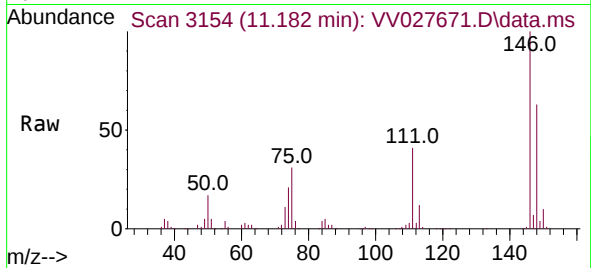




#64
1,3-Dichlorobenzene
Concen: 5.228 ug/L
RT: 11.182 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV027671.D
Acq: 01 Sep 2022 15:25

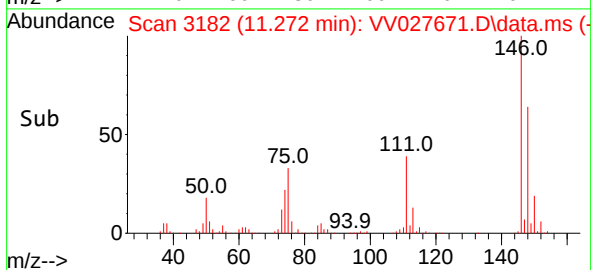
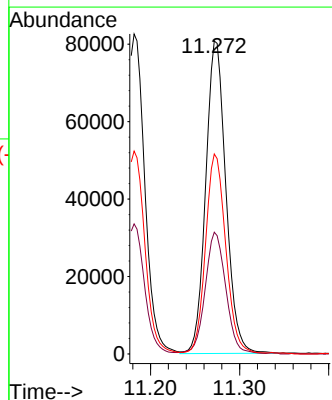
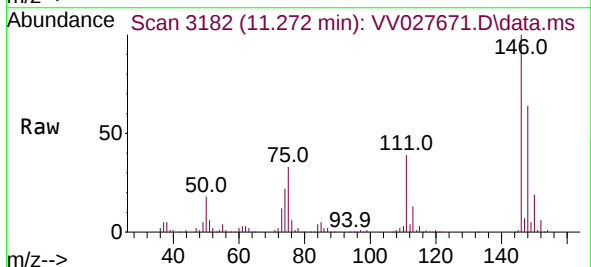
Instrument :
MSVOA_V
ClientSampleId :

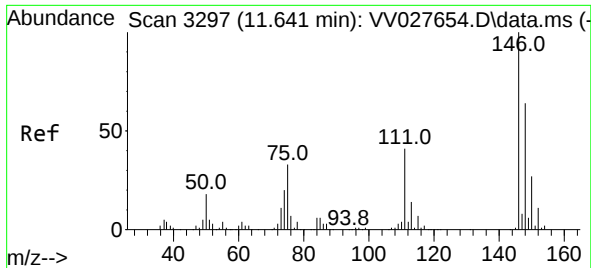
Tgt Ion:146 Resp: 129634
Ion Ratio Lower Upper
146 100
111 40.7 29.0 53.8
148 63.4 43.5 80.9



#65
1,4-Dichlorobenzene
Concen: 5.146 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV027671.D
Acq: 01 Sep 2022 15:25

Tgt Ion:146 Resp: 126860
Ion Ratio Lower Upper
146 100
111 38.9 27.5 51.1
148 63.9 45.4 84.4

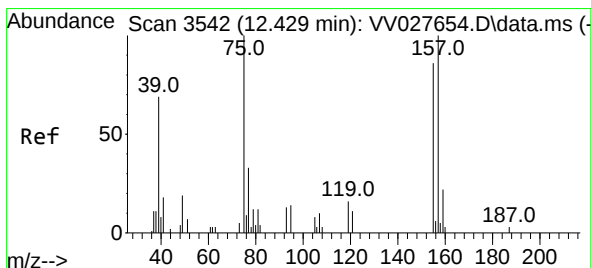
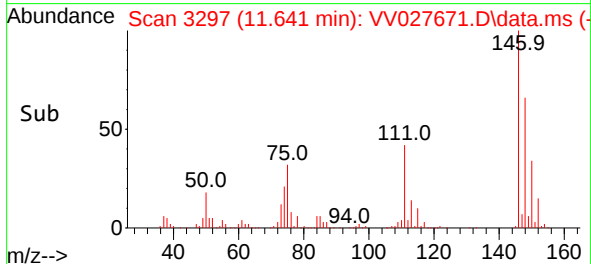
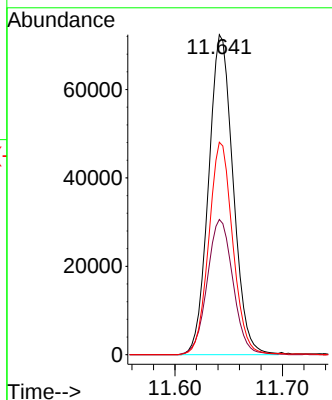
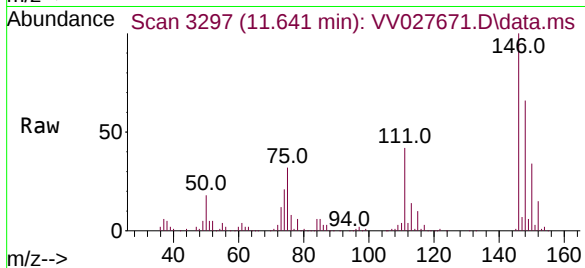




#67
1,2-Dichlorobenzene
Concen: 5.169 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV027671.D
Acq: 01 Sep 2022 15:25

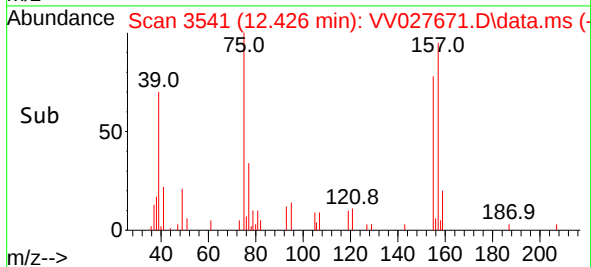
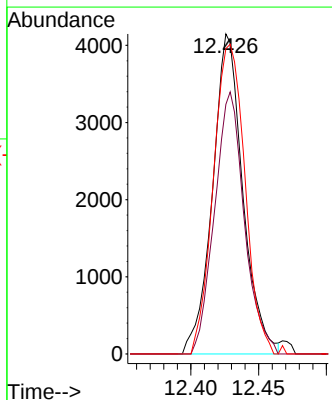
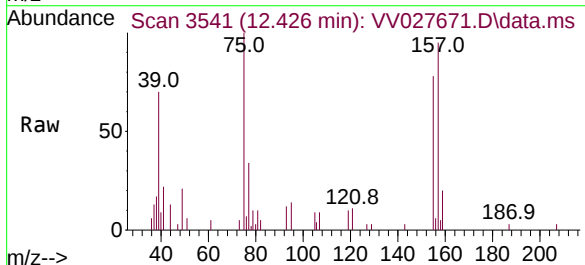
Instrument :
MSVOA_V
ClientSampleId :

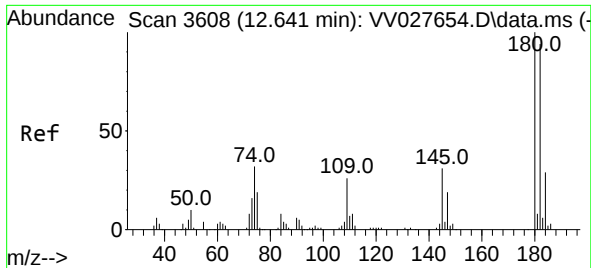
Tgt Ion:146 Resp: 114943
Ion Ratio Lower Upper
146 100
111 42.3 34.2 51.2
148 66.4 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 4.713 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV027671.D
Acq: 01 Sep 2022 15:25

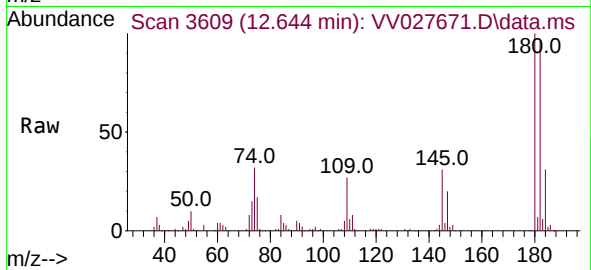
Tgt Ion: 75 Resp: 6447
Ion Ratio Lower Upper
75 100
155 78.0 56.4 84.6
157 95.4 74.9 112.3



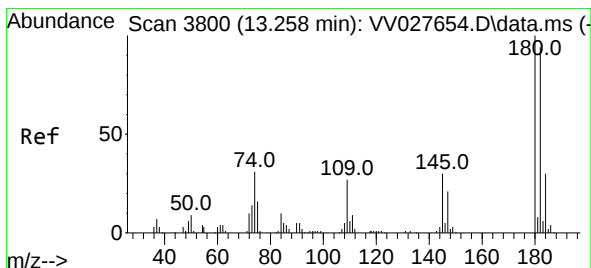
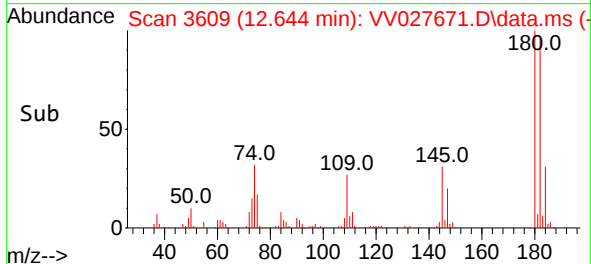
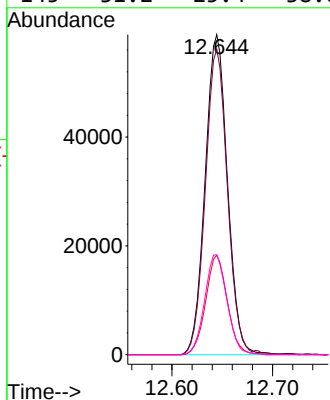


#69
1,3,5-Trichlorobenzene
Concen: 5.081 ug/L
RT: 12.644 min Scan# 3608
Delta R.T. 0.003 min
Lab File: VV027671.D
Acq: 01 Sep 2022 15:25

Instrument :
MSVOA_V
ClientSampleId :

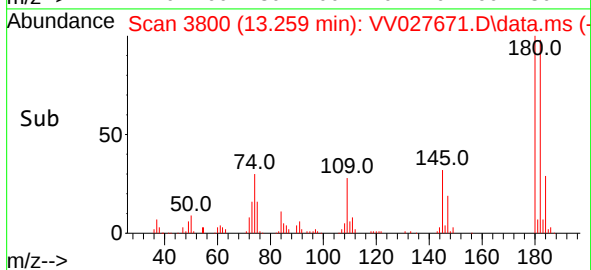
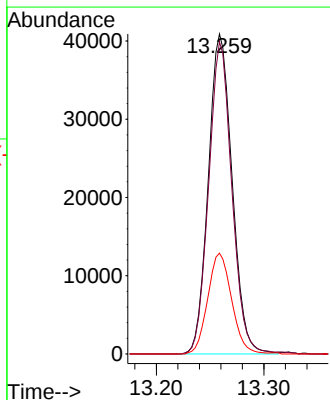
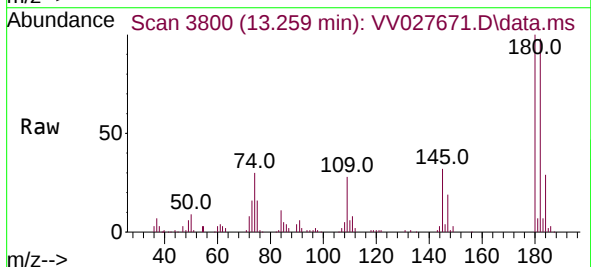


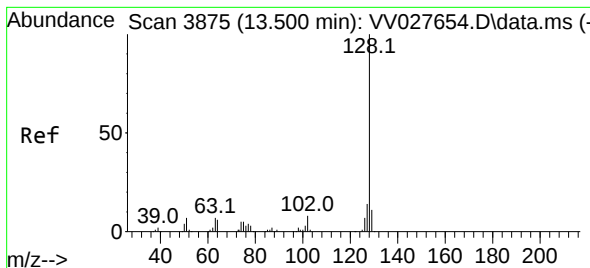
Tgt Ion:180 Resp: 90828
Ion Ratio Lower Upper
180 100
182 94.6 74.6 112.0
184 30.1 23.5 35.3
145 31.2 25.4 38.0



#70
1,2,4-trichlorobenzene
Concen: 4.770 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV027671.D
Acq: 01 Sep 2022 15:25

Tgt Ion:180 Resp: 62856
Ion Ratio Lower Upper
180 100
182 95.1 75.8 113.8
145 31.6 24.6 37.0





#71

Naphthalene

Concen: 3.836 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV027671.D

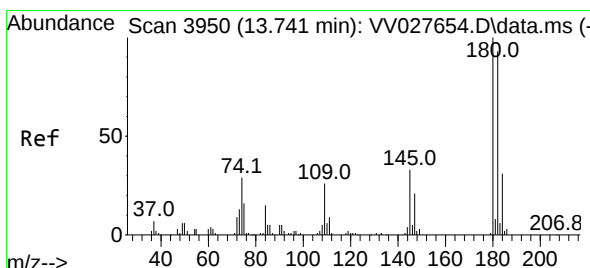
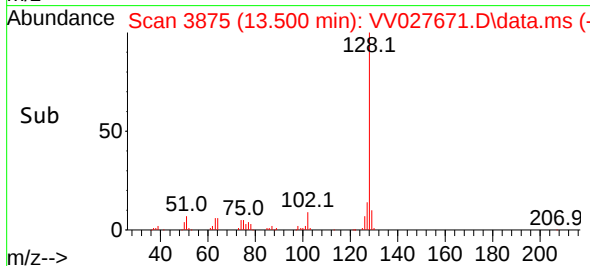
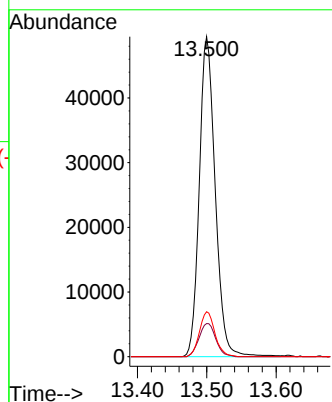
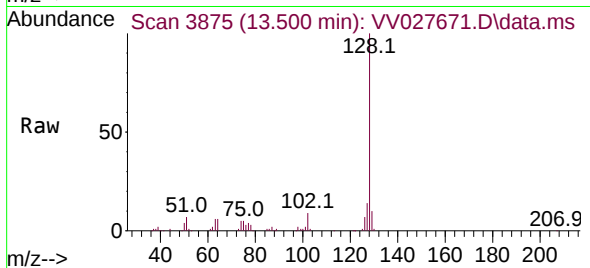
Acq: 01 Sep 2022 15:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	79096
Ion Ratio	Lower	Upper
128	100	
129	10.9	8.9 13.3
127	13.7	10.9 16.3



#72

1,2,3-Trichlorobenzene

Concen: 4.708 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV027671.D

Acq: 01 Sep 2022 15:25

Tgt Ion:180	Resp:	55877
Ion Ratio	Lower	Upper
180	100	
182	94.1	77.1 115.7
145	32.7	27.4 41.0

