

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032822\
 Data File : VW025273.D
 Acq On : 28 Mar 2022 19:51
 Operator : SY/MD
 Sample : N2101-07MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAZ46MSD

Quant Time: Mar 29 03:32:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 29 03:26:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	147820	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	143785	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	71581	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56058	4.060	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.571	69	57680	4.977	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.111	63	126957	4.245	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	3.892	46	76758	55.808	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.620%
24) Chloroform-d	4.352	84	95370	5.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.800%
26) 1,2-Dichloroethane-d4	5.034	65	40623	5.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.050	84	184251	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	6.069	67	53058	5.205	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.317	98	174210	5.221	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
43) trans-1,3-Dichloroprop...	7.622	79	16908	5.084	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%
46) 2-Hexanone-d5	8.088	63	64080	53.349	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.700%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36798	5.413	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	59455	5.172	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	78211	5.297	ug/L	98
3) Chloromethane	1.243	50	82560	4.741	ug/L	98
5) Vinyl chloride	1.314	62	92780	4.770	ug/L	97
6) Bromomethane	1.523	94	57280	4.961	ug/L	98
8) Chloroethane	1.587	64	67091	5.496	ug/L	97
9) Trichlorofluoromethane	1.754	101	134468	5.114	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	74272	4.755	ug/L	98
12) 1,1-Dichloroethene	2.121	96	71937	4.834	ug/L	96
13) Acetone	2.179	43	56259	53.604	ug/L	82
14) Carbon disulfide	2.298	76	165662	5.373	ug/L	98
15) Methyl Acetate	2.442	43	12681	5.308	ug/L	90
16) Methylene chloride	2.510	84	55570	4.756	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	97968	5.203	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	57784	5.409	ug/L	98
19) 1,1-Dichloroethane	3.192	63	97314	5.457	ug/L	100
21) 2-Butanone	3.976	43	84146	58.267	ug/L	89
22) cis-1,2-Dichloroethene	3.912	96	59289	5.463	ug/L	98
23) Bromochloromethane	4.253	128	25576	5.650	ug/L	94
25) Chloroform	4.378	83	105922	5.354	ug/L	96

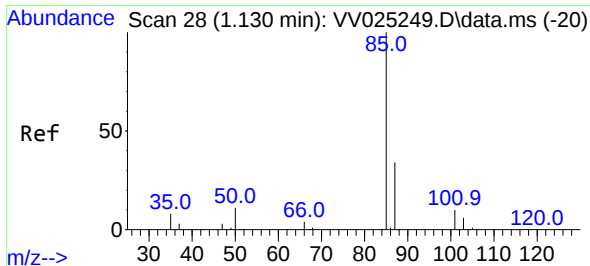
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032822\
 Data File : VW025273.D
 Acq On : 28 Mar 2022 19:51
 Operator : SY/MD
 Sample : N2101-07MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAZ46MSD

Quant Time: Mar 29 03:32:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 29 03:26:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	55894	5.471	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	94853	5.456	ug/L	98
30) Cyclohexane	4.677	56	78371	5.041	ug/L	99
31) Carbon tetrachloride	4.828	117	81577	5.421	ug/L	98
33) Benzene	5.101	78	229968	5.453	ug/L	100
34) Trichloroethene	5.915	95	60698	5.241	ug/L	97
35) Methylcyclohexane	6.130	83	92098	5.075	ug/L	99
37) 1,2-Dichloropropane	6.172	63	52354	5.352	ug/L	98
38) Bromodichloromethane	6.510	83	66688	5.381	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	62369	4.916	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	212118	54.303	ug/L	99
42) Toluene	7.387	91	252581	5.610	ug/L	98
44) trans-1,3-Dichloropropene	7.651	75	51443	5.159	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	36765	5.489	ug/L	99
47) Tetrachloroethene	7.976	164	46424	5.436	ug/L	96
48) 2-Hexanone	8.137	43	151501	54.228	ug/L	98
49) Dibromochloromethane	8.246	129	38893	5.396	ug/L	100
50) 1,2-Dibromoethane	8.352	107	33349	5.344	ug/L #	92
51) Chlorobenzene	8.879	112	157915	5.431	ug/L	99
52) Ethylbenzene	9.011	91	258633	5.416	ug/L	99
53) m,p-Xylene	9.137	106	102299	5.508	ug/L	97
54) o-Xylene	9.542	106	98288	5.536	ug/L	97
55) Styrene	9.558	104	166233	5.694	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	38236	5.476	ug/L	100
59) Bromoform	9.731	173	16335	5.583	ug/L	99
60) Isopropylbenzene	9.931	105	257661	5.427	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	28441	5.251	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	108353	5.090	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	206796	5.445	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	121757	5.476	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	118243	5.311	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	106934	5.465	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.426	75	5014	5.170	ug/L	86
69) 1,3,5-Trichlorobenzene	12.644	180	85510	5.332	ug/L	97
70) 1,2,4-trichlorobenzene	13.259	180	65308	5.397	ug/L	96
71) Naphthalene	13.500	128	99287	5.265	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	55654	5.338	ug/L	99

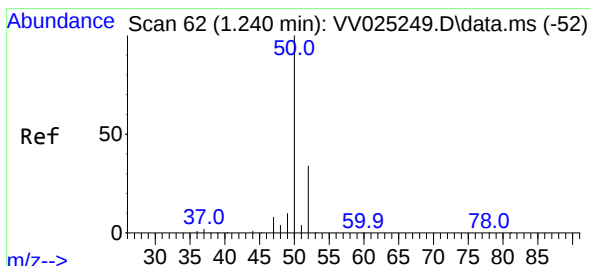
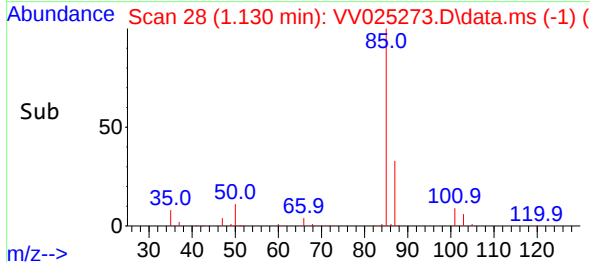
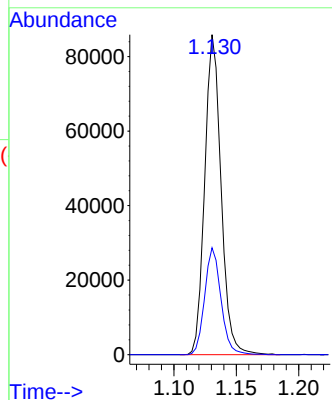
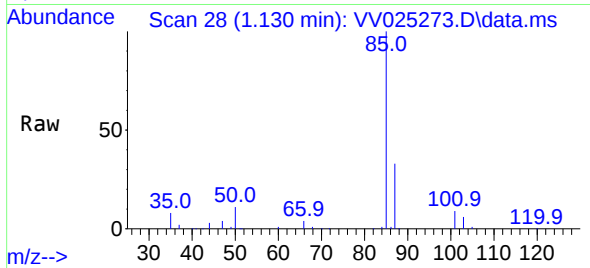
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 5.297 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV025273.D
 Acq: 28 Mar 2022 19:51

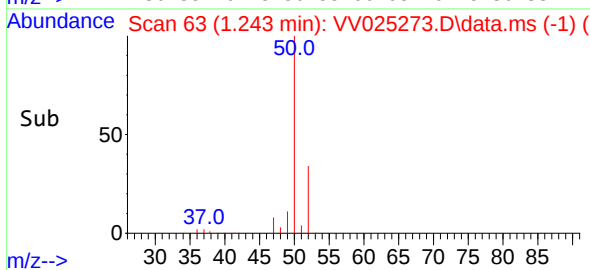
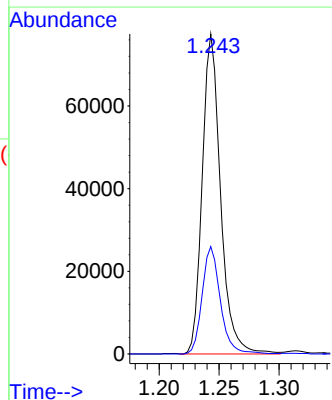
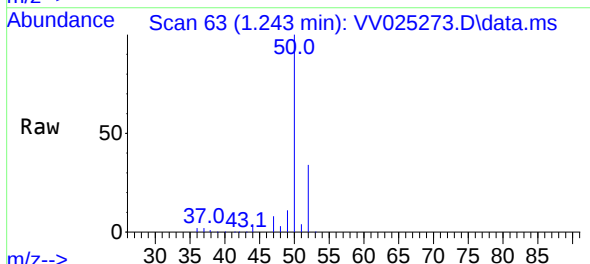
Instrument :
 MSVOA_V
 ClientSampleId :
 YAZ46MSD

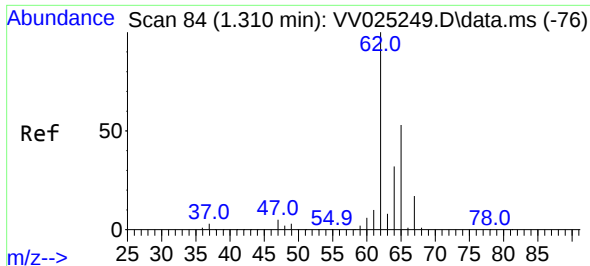
Tgt Ion: 85 Resp: 78211
 Ion Ratio Lower Upper
 85 100
 87 33.4 25.8 38.6



#3
 Chloromethane
 Concen: 4.741 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV025273.D
 Acq: 28 Mar 2022 19:51

Tgt Ion: 50 Resp: 82560
 Ion Ratio Lower Upper
 50 100
 52 33.6 22.9 42.5

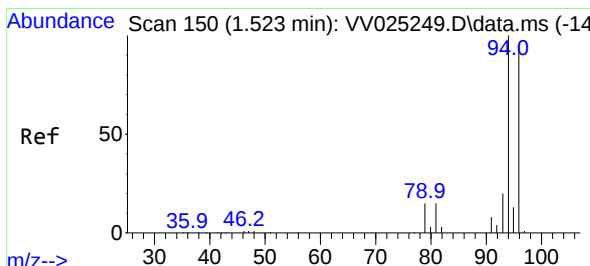
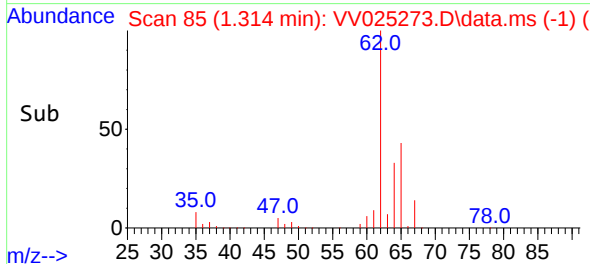
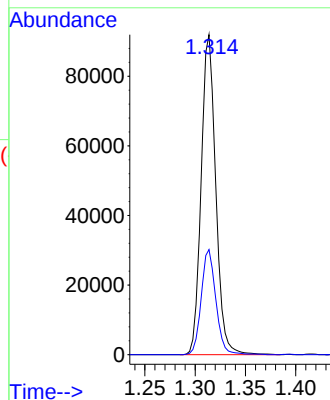
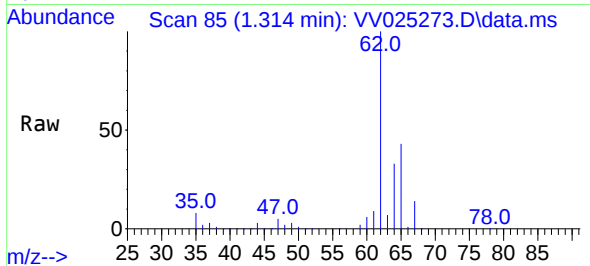




#5
 Vinyl chloride
 Concen: 4.770 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025273.D
 Acq: 28 Mar 2022 19:51

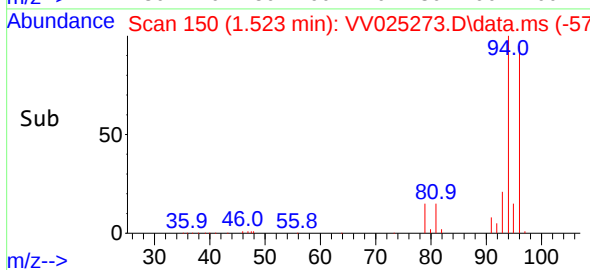
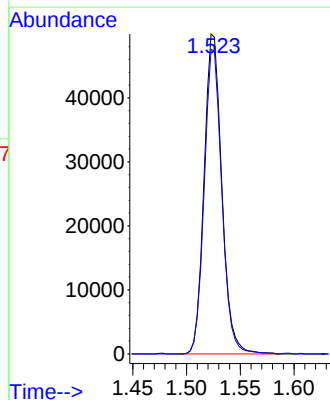
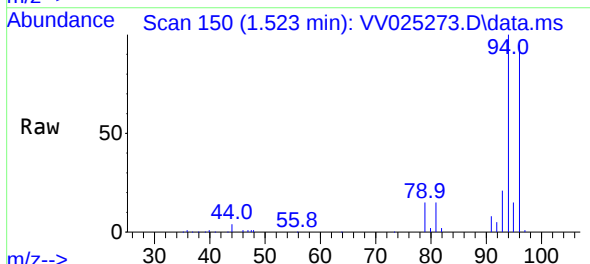
Instrument :
 MSVOA_V
 ClientSampleId :
 YAZ46MSD

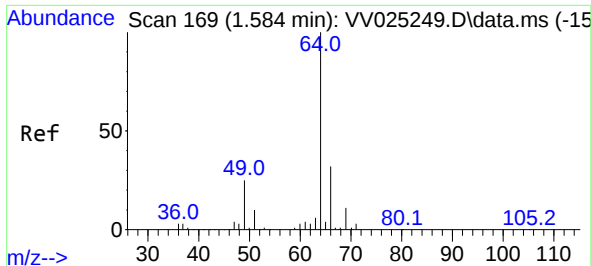
Tgt Ion: 62 Resp: 92780
 Ion Ratio Lower Upper
 62 100
 64 32.8 22.0 40.8



#6
 Bromomethane
 Concen: 4.961 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV025273.D
 Acq: 28 Mar 2022 19:51

Tgt Ion: 94 Resp: 57280
 Ion Ratio Lower Upper
 94 100
 96 95.2 65.5 121.7

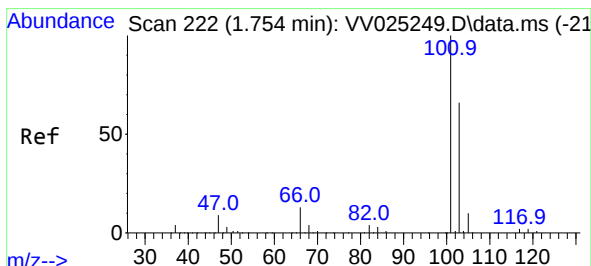
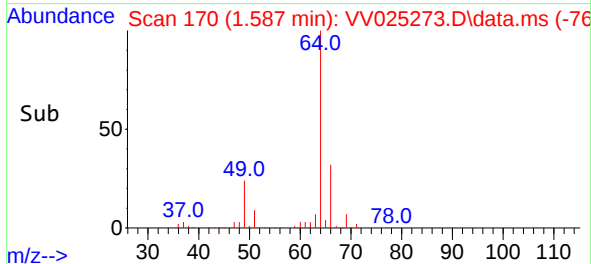
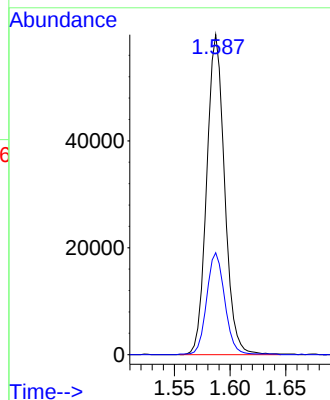
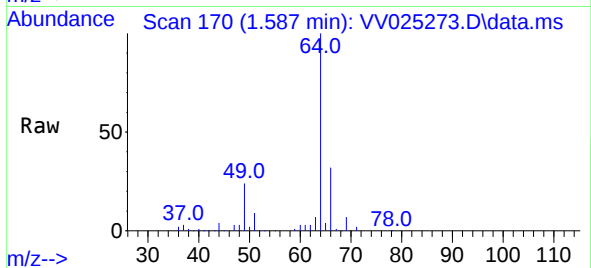




#8
Chloroethane
Concen: 5.496 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

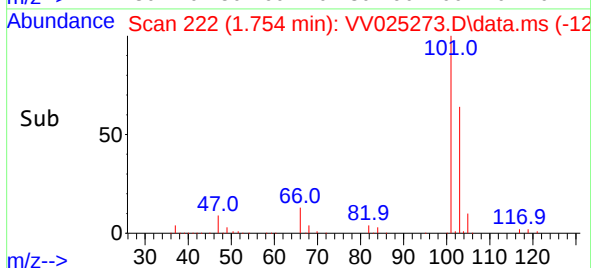
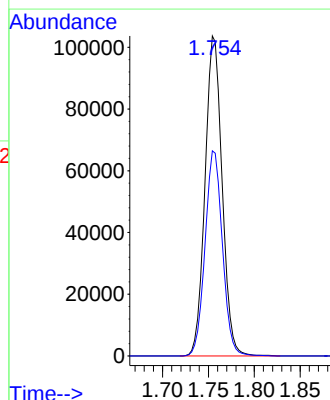
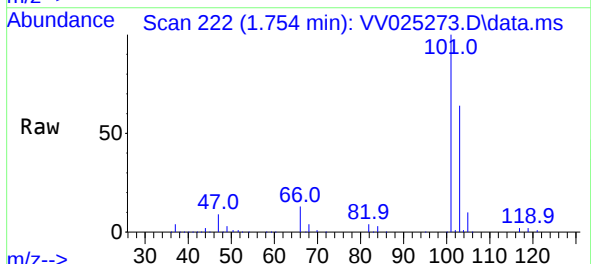
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MSD

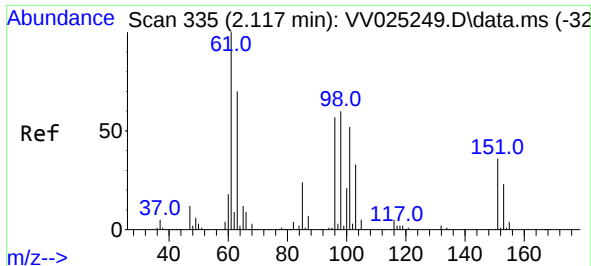
Tgt Ion: 64 Resp: 67091
Ion Ratio Lower Upper
64 100
66 31.8 23.5 43.7



#9
Trichlorofluoromethane
Concen: 5.114 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

Tgt Ion:101 Resp: 134468
Ion Ratio Lower Upper
101 100
103 65.1 52.2 78.2

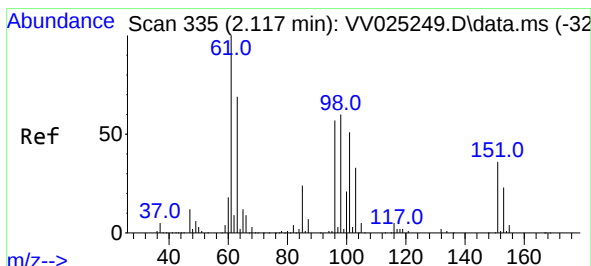
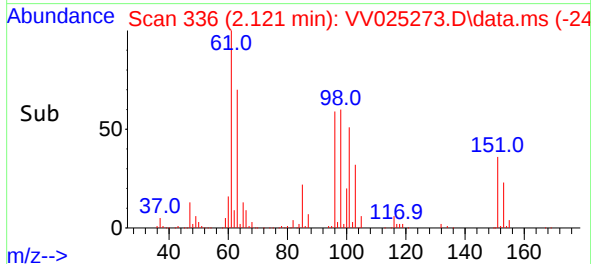
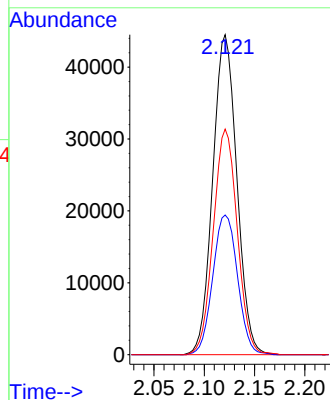
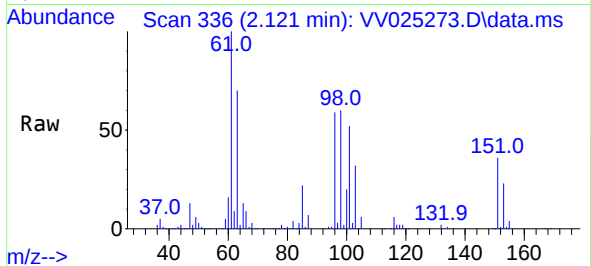




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.755 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025273.D
 Acq: 28 Mar 2022 19:51

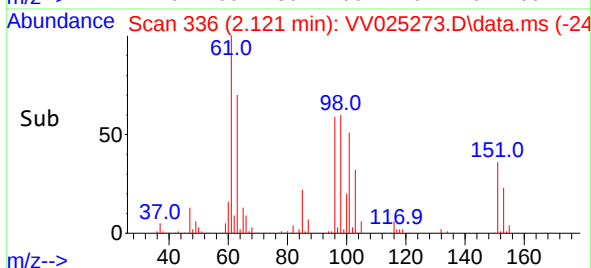
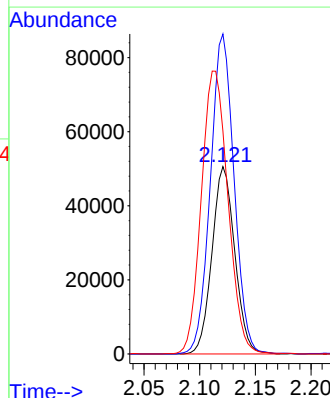
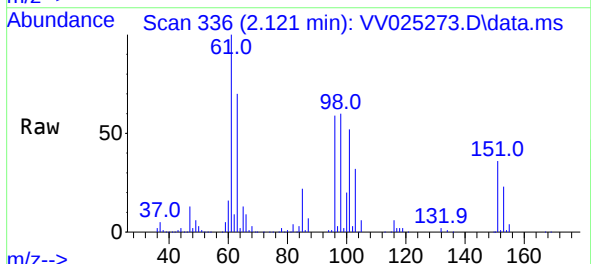
Instrument :
 MSVOA_V
 ClientSampleId :
 YAZ46MSD

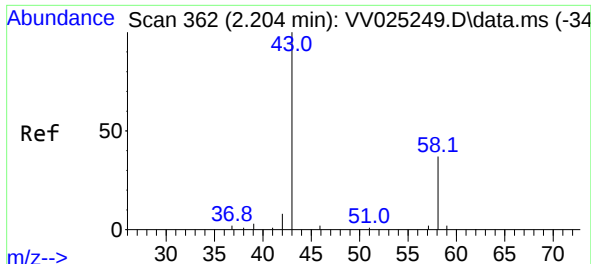
Tgt Ion:101 Resp: 74272
 Ion Ratio Lower Upper
 101 100
 85 44.9 36.0 54.0
 151 70.3 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 4.834 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV025273.D
 Acq: 28 Mar 2022 19:51

Tgt Ion: 96 Resp: 71937
 Ion Ratio Lower Upper
 96 100
 61 170.7 121.5 225.7
 63 118.9 77.9 144.7





#13

Acetone

Concen: 53.604 ug/L

RT: 2.179 min Scan# 31

Delta R.T. -0.026 min

Lab File: VV025273.D

Acq: 28 Mar 2022 19:51

Instrument :

MSVOA_V

ClientSampleId :

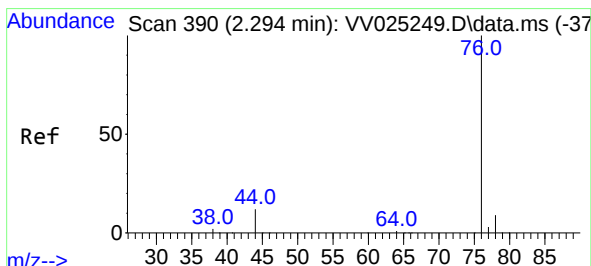
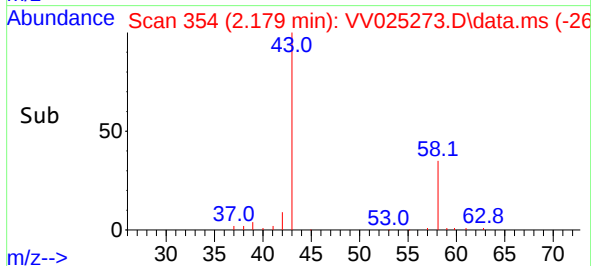
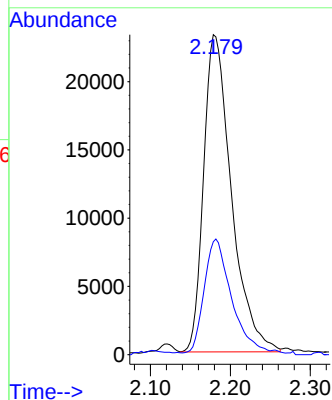
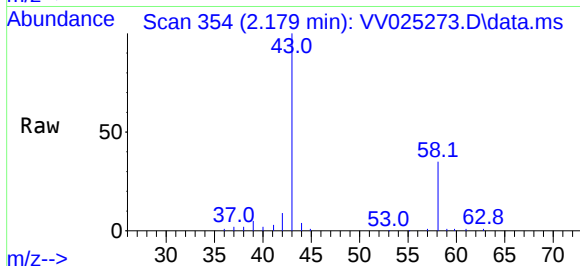
YAZ46MSD

Tgt Ion: 43 Resp: 56259

Ion Ratio Lower Upper

43 100

58 34.7 0.0 51.2



#14

Carbon disulfide

Concen: 5.373 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV025273.D

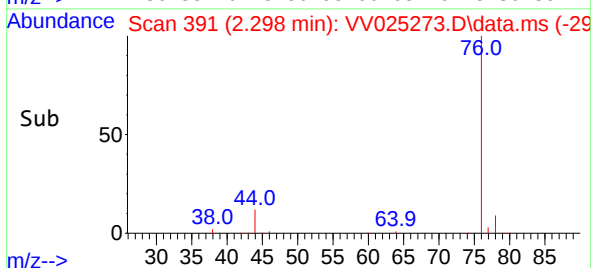
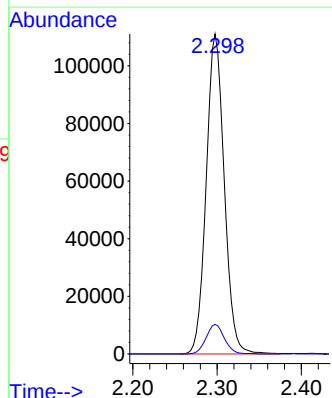
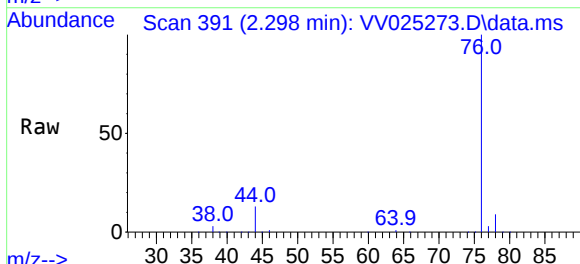
Acq: 28 Mar 2022 19:51

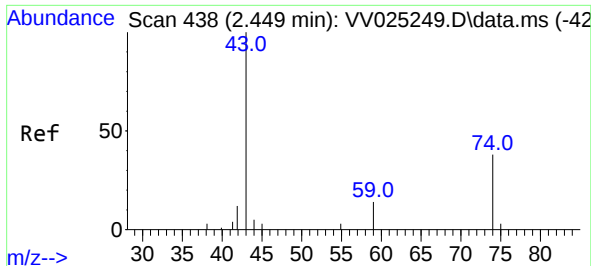
Tgt Ion: 76 Resp: 165662

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4

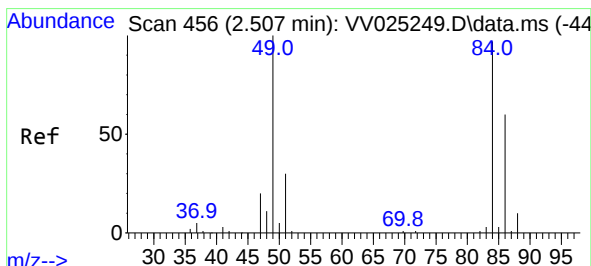
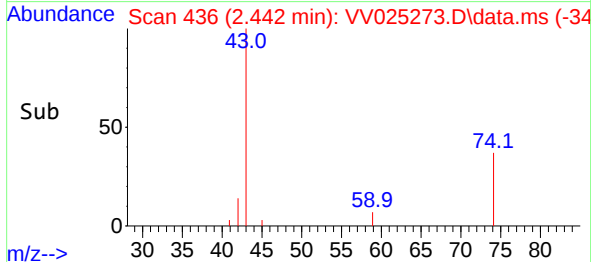
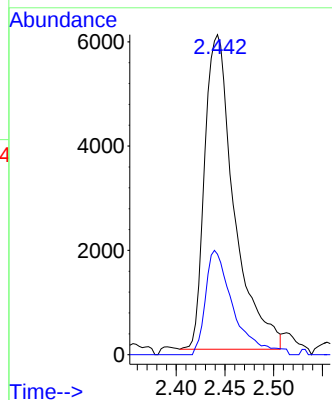
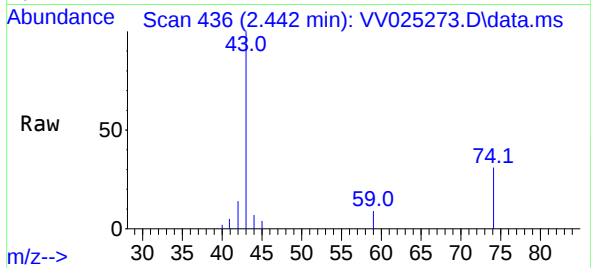




#15
Methyl Acetate
Concen: 5.308 ug/L
RT: 2.442 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

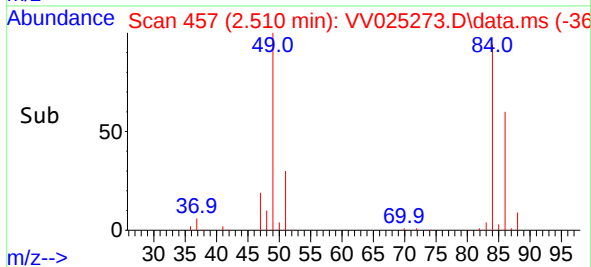
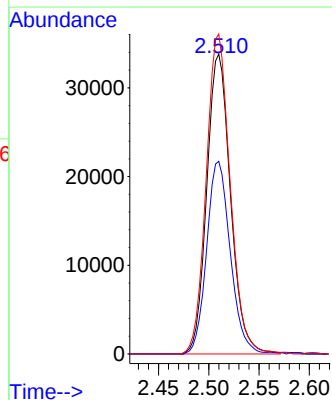
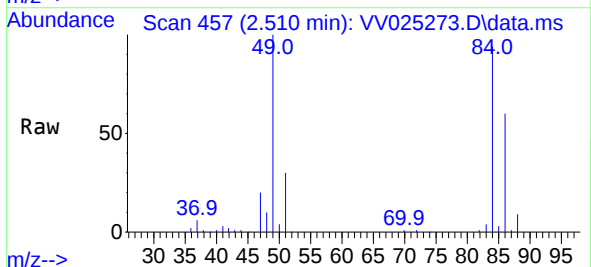
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MSD

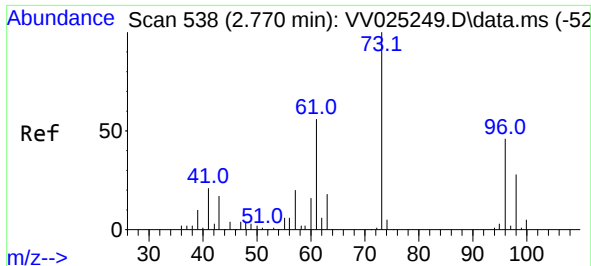
Tgt Ion: 43 Resp: 12681
Ion Ratio Lower Upper
43 100
74 31.3 20.9 31.3



#16
Methylene chloride
Concen: 4.756 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.003 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

Tgt Ion: 84 Resp: 55570
Ion Ratio Lower Upper
84 100
86 64.2 43.5 80.7
49 106.7 74.5 138.3



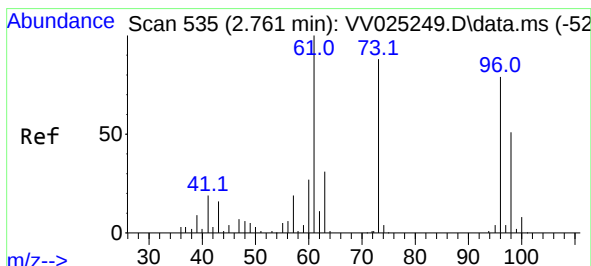
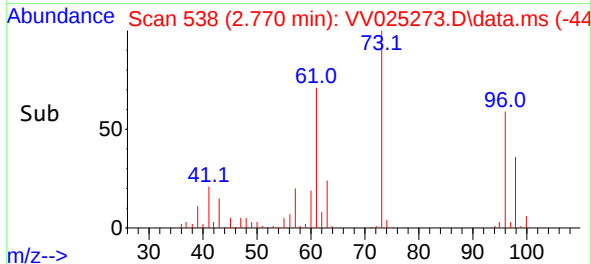
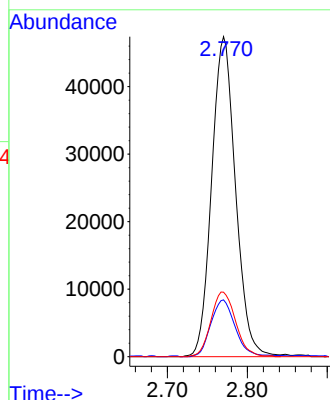
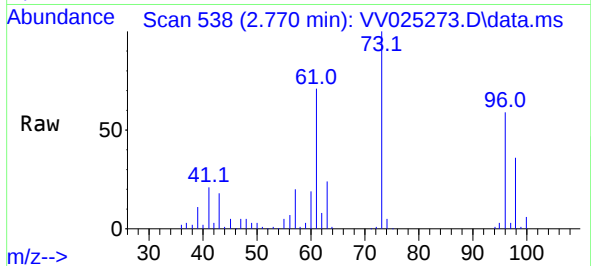


#17
Methyl tert-butyl Ether
Concen: 5.203 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

Instrument :
MSVOA_V
ClientSampleId :
YAZ46MSD

Tgt Ion: 73 Resp: 97968

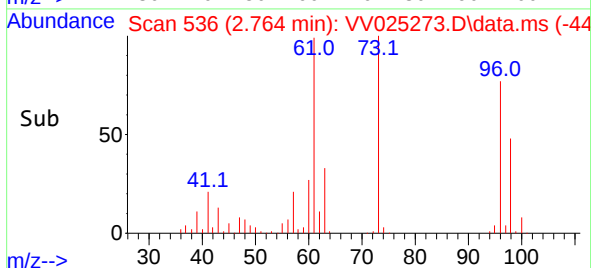
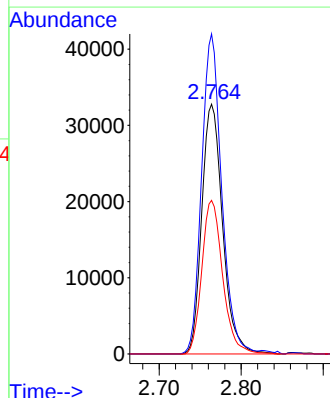
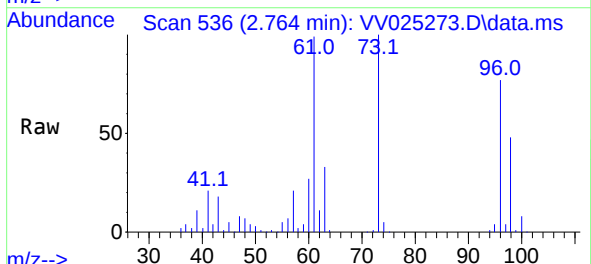
Ion	Ratio	Lower	Upper
73	100		
43	18.4	13.5	20.3
57	20.9	16.4	24.6

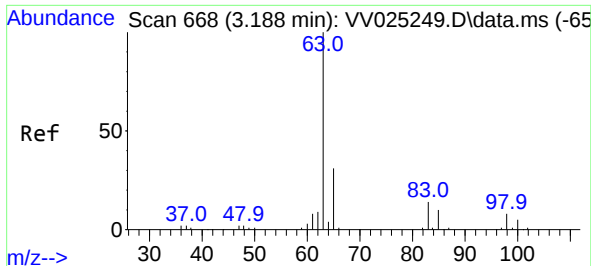


#18
trans-1,2-Dichloroethene
Concen: 5.409 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.003 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

Tgt Ion: 96 Resp: 57784

Ion	Ratio	Lower	Upper
96	100		
61	128.1	87.6	162.8
98	61.5	44.0	81.8

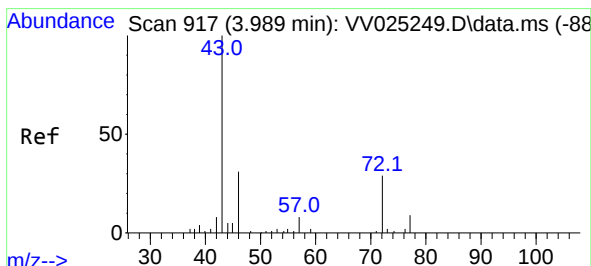
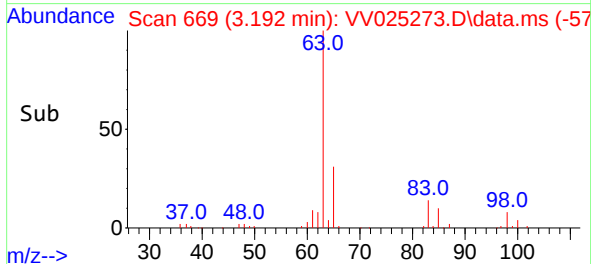
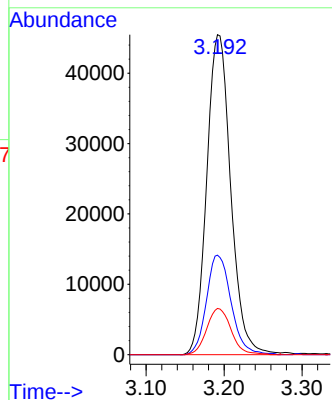
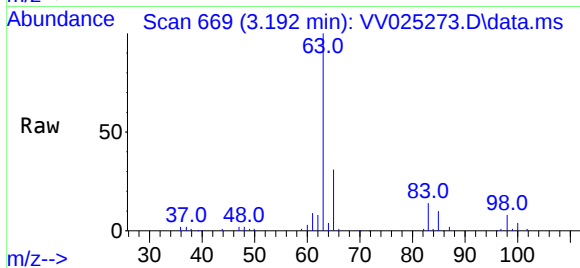




#19
1,1-Dichloroethane
Concen: 5.457 ug/L
RT: 3.192 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

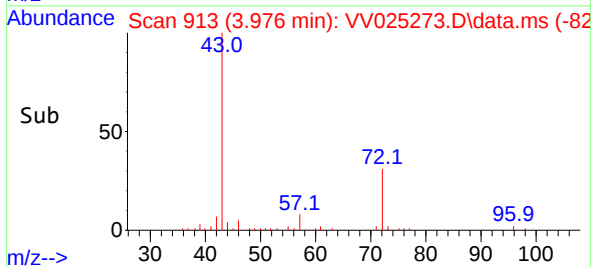
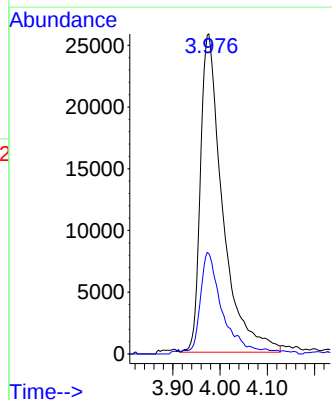
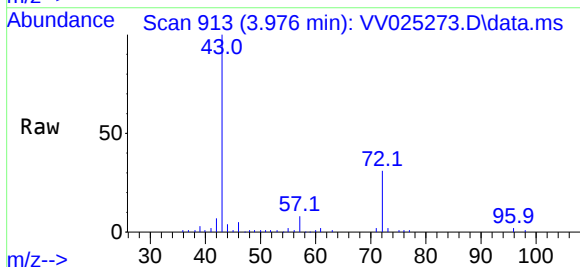
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MSD

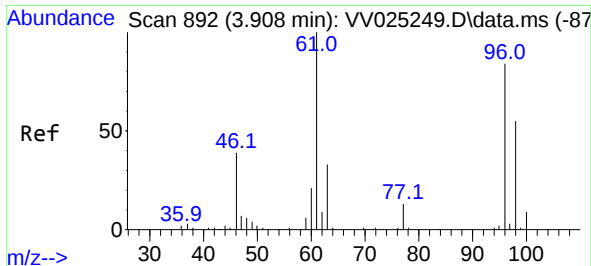
Tgt Ion:	63	Resp:	97314
Ion	Ratio	Lower	Upper
63	100		
65	31.1	22.0	40.8
83	14.4	10.2	19.0



#21
2-Butanone
Concen: 58.267 ug/L
RT: 3.976 min Scan# 913
Delta R.T. -0.013 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

Tgt Ion:	43	Resp:	84146
Ion	Ratio	Lower	Upper
43	100		
72	28.8	11.8	35.4

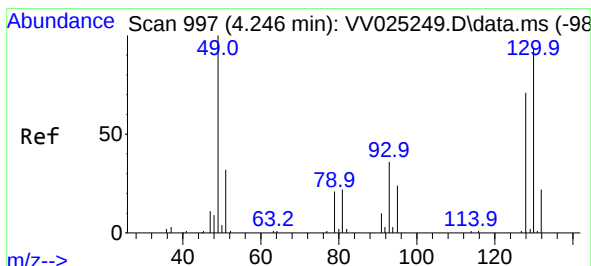
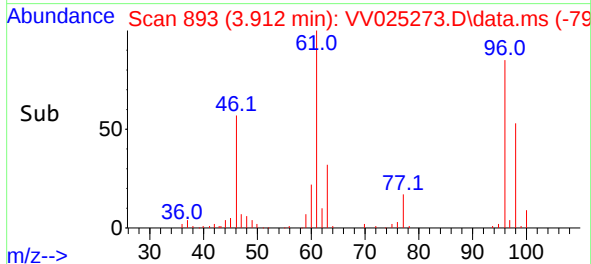
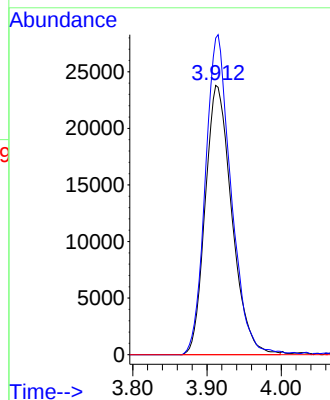
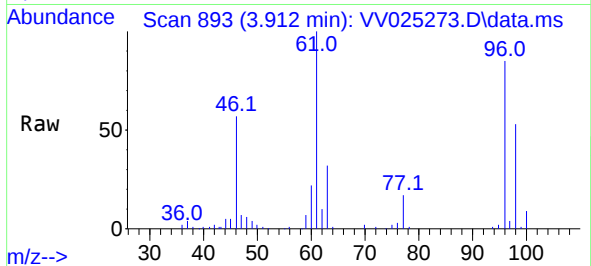




#22
cis-1,2-Dichloroethene
Concen: 5.463 ug/L
RT: 3.912 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

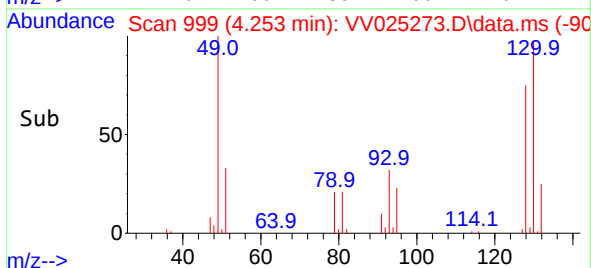
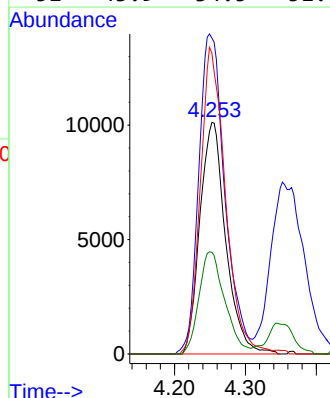
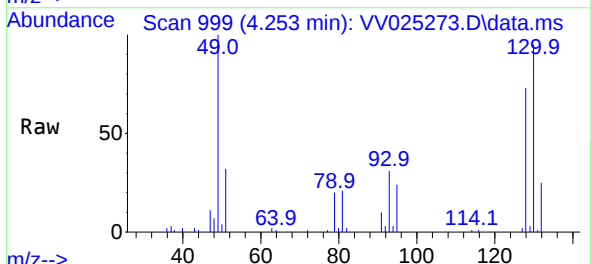
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MSD

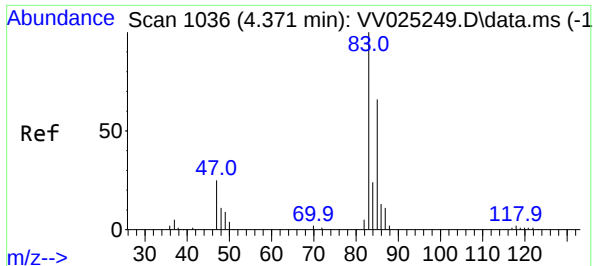
Tgt Ion: 96 Resp: 59289
Ion Ratio Lower Upper
96 100
61 117.6 84.1 156.1
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.650 ug/L
RT: 4.253 min Scan# 999
Delta R.T. 0.007 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

Tgt Ion: 128 Resp: 25576
Ion Ratio Lower Upper
128 100
49 136.4 101.4 188.4
130 130.0 85.0 158.0
51 43.9 34.5 51.7





#25

Chloroform

Concen: 5.354 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VV025273.D

Acq: 28 Mar 2022 19:51

Instrument :

MSVOA_V

ClientSampleId :

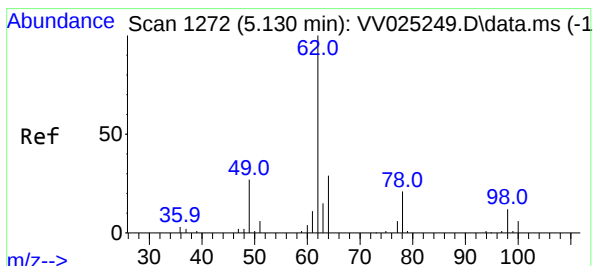
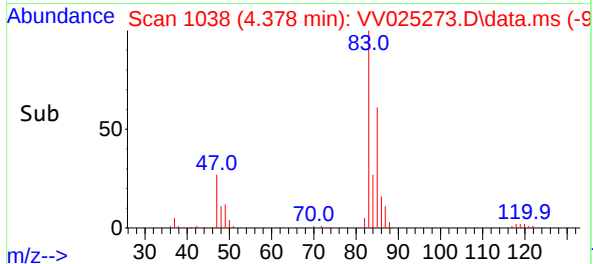
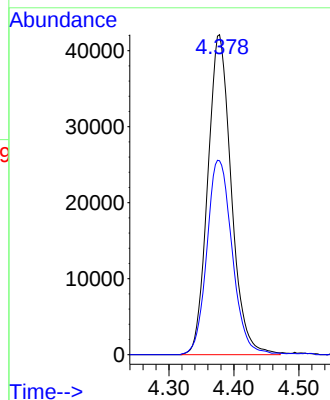
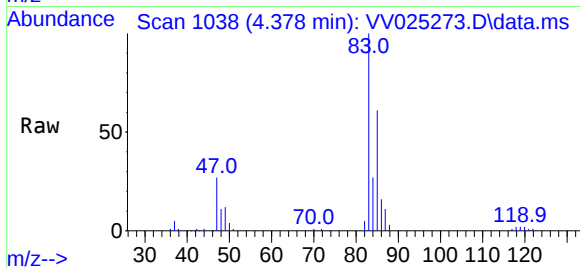
YAZ46MSD

Tgt Ion: 83 Resp: 105922

Ion Ratio Lower Upper

83 100

85 60.6 44.7 82.9



#27

1,2-Dichloroethane

Concen: 5.471 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VV025273.D

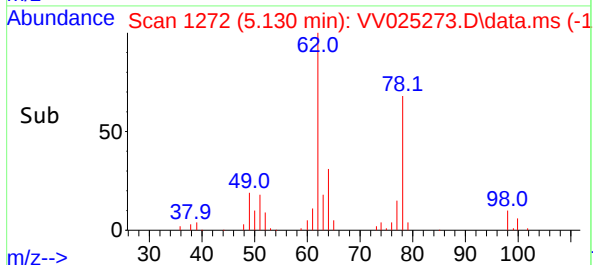
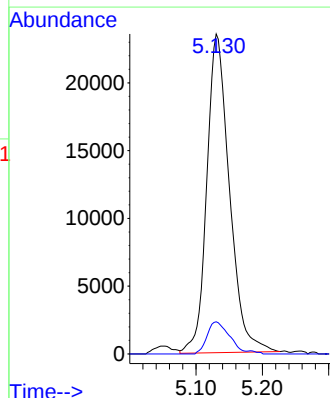
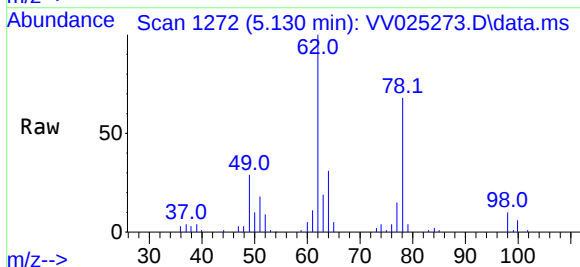
Acq: 28 Mar 2022 19:51

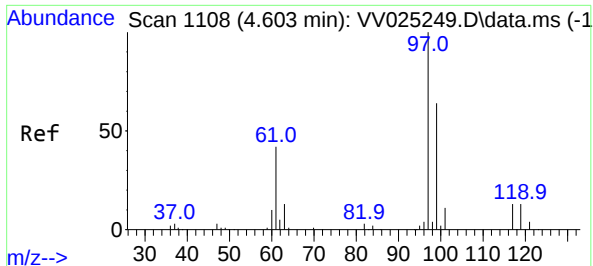
Tgt Ion: 62 Resp: 55894

Ion Ratio Lower Upper

62 100

98 10.0 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.456 ug/L

RT: 4.609 min Scan# 1108

Delta R.T. 0.007 min

Lab File: VV025273.D

Acq: 28 Mar 2022 19:51

Instrument :

MSVOA_V

ClientSampleId :

YAZ46MSD

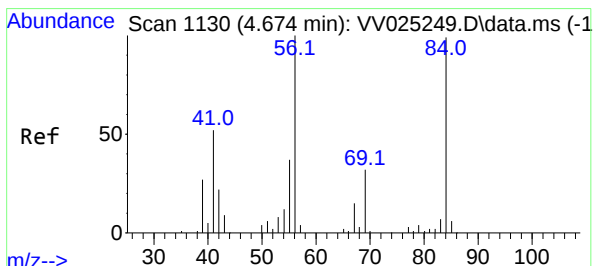
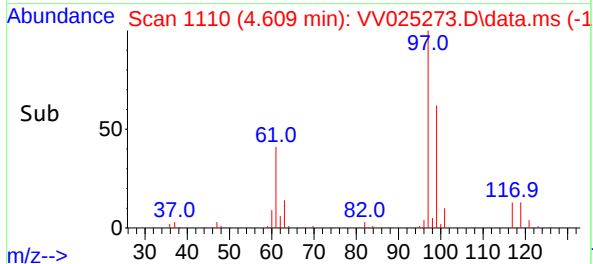
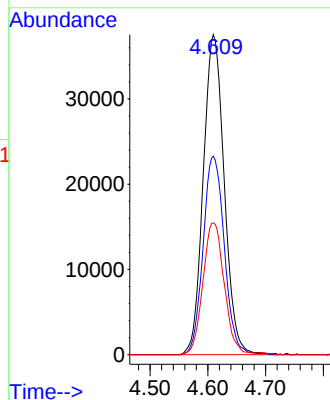
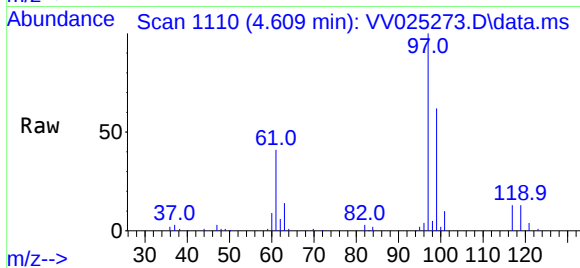
Tgt Ion: 97 Resp: 94853

Ion Ratio Lower Upper

97 100

99 62.7 51.9 77.9

61 41.7 34.2 51.2



#30

Cyclohexane

Concen: 5.041 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV025273.D

Acq: 28 Mar 2022 19:51

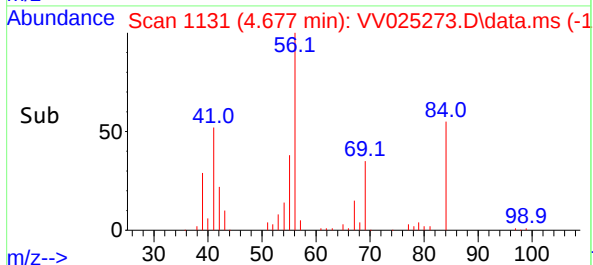
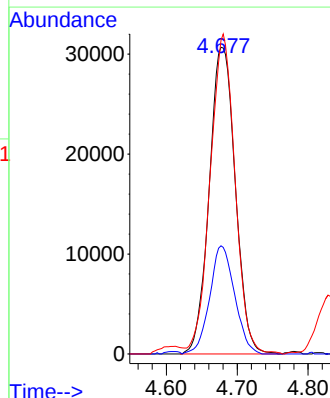
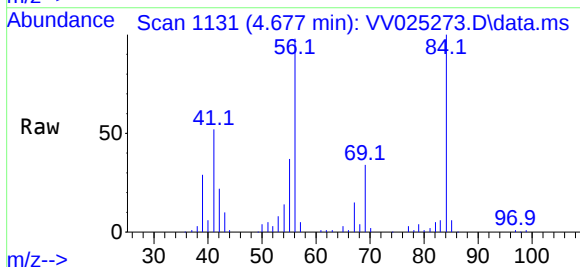
Tgt Ion: 56 Resp: 78371

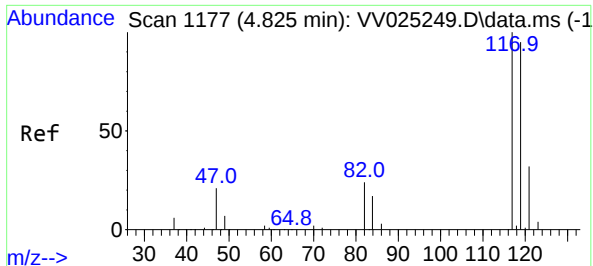
Ion Ratio Lower Upper

56 100

69 33.8 25.3 37.9

84 98.5 78.4 117.6

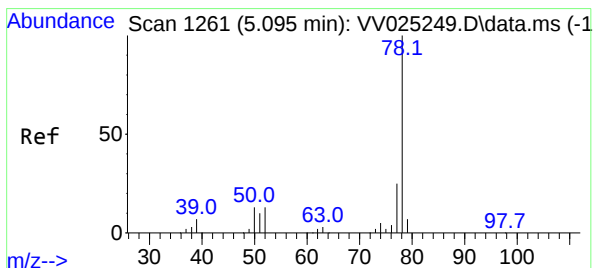
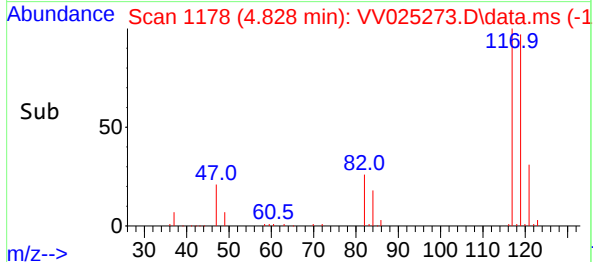
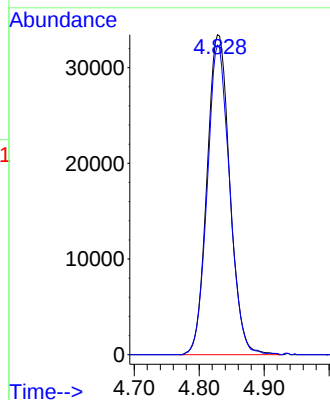
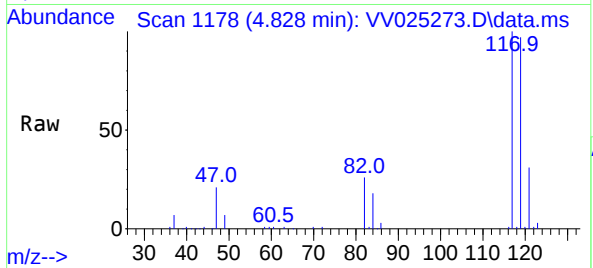




#31
Carbon tetrachloride
Concen: 5.421 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

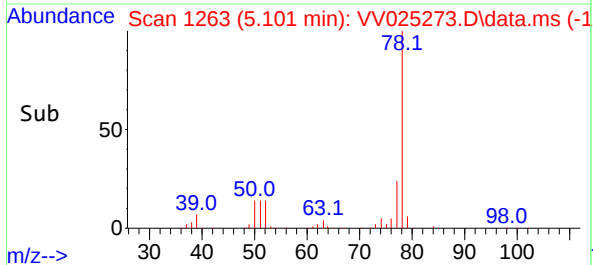
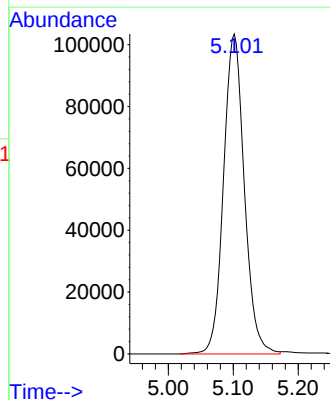
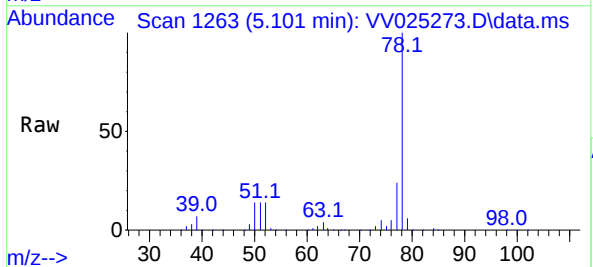
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MSD

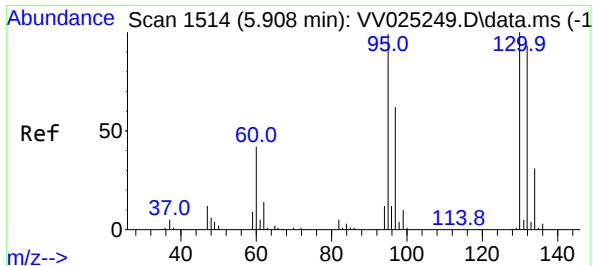
Tgt Ion:117 Resp: 81577
Ion Ratio Lower Upper
117 100
119 95.2 77.8 116.6



#33
Benzene
Concen: 5.453 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

Tgt Ion: 78 Resp: 229968



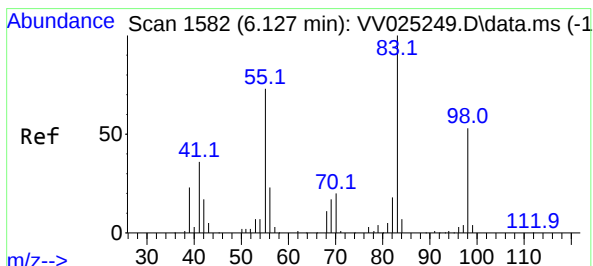
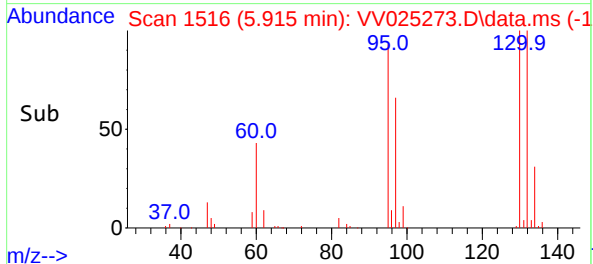
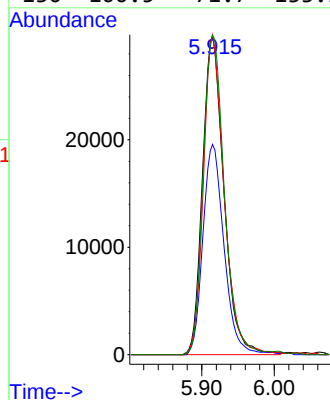
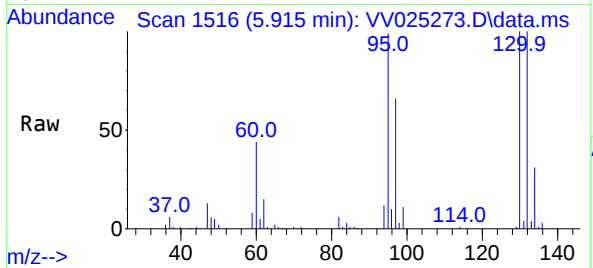


#34
Trichloroethene
Concen: 5.241 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

Instrument :
MSVOA_V
ClientSampleId :
YAZ46MSD

Tgt Ion: 95 Resp: 60698

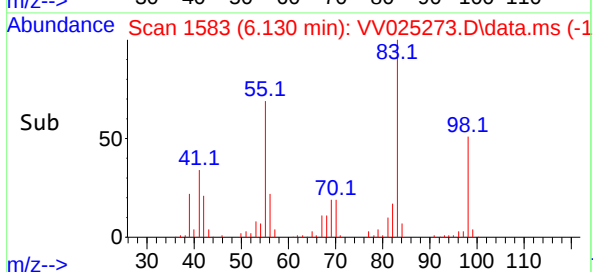
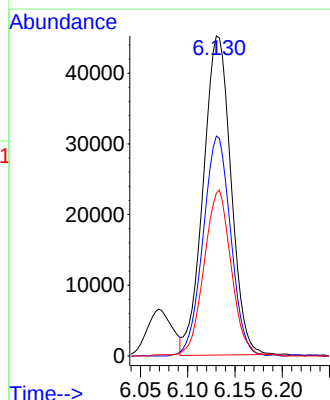
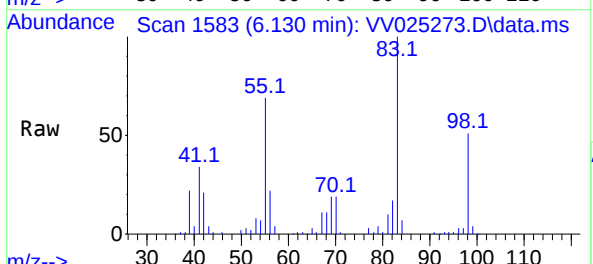
Ion	Ratio	Lower	Upper
95	100		
97	66.1	46.3	85.9
132	100.6	65.2	121.2
130	100.5	71.7	133.1

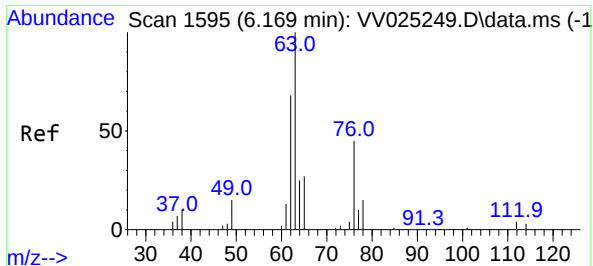


#35
Methylcyclohexane
Concen: 5.075 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

Tgt Ion: 83 Resp: 92098

Ion	Ratio	Lower	Upper
83	100		
55	68.7	54.6	81.8
98	51.0	39.8	59.6

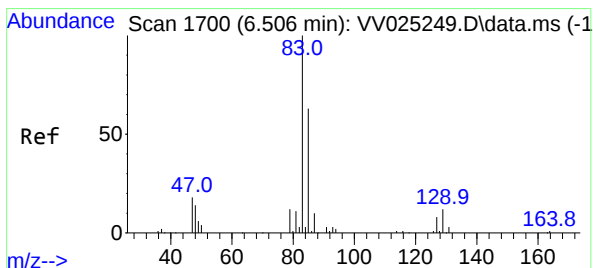
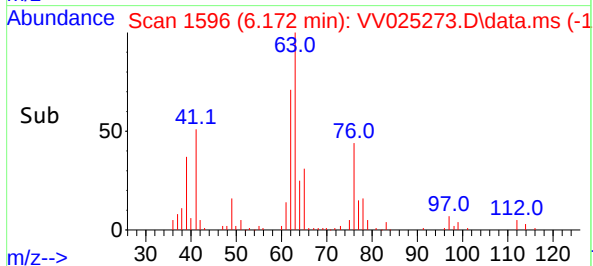
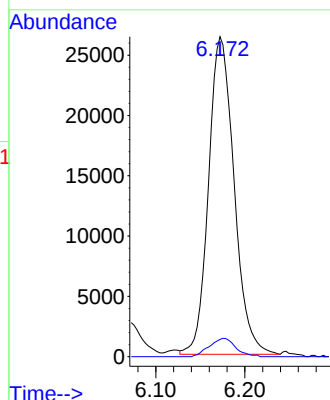
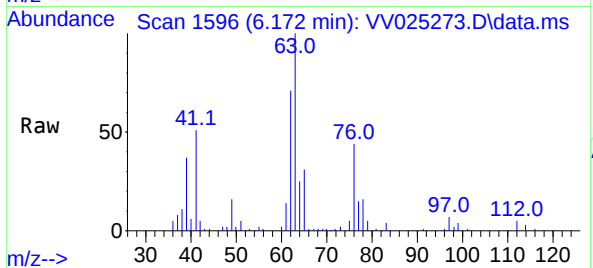




#37
1,2-Dichloropropane
Concen: 5.352 ug/L
RT: 6.172 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

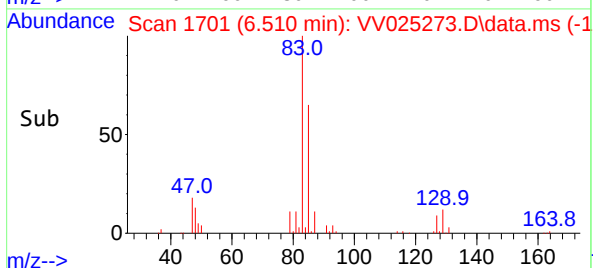
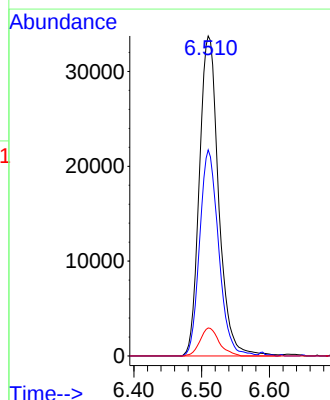
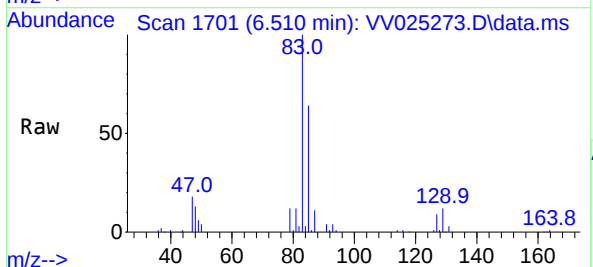
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MSD

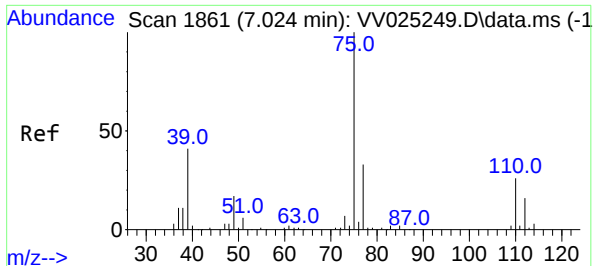
Tgt Ion: 63 Resp: 52354
Ion Ratio Lower Upper
63 100
112 6.0 4.2 6.2



#38
Bromodichloromethane
Concen: 5.381 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

Tgt Ion: 83 Resp: 66688
Ion Ratio Lower Upper
83 100
85 64.4 47.2 87.6
127 8.8 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.916 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV025273.D

Acq: 28 Mar 2022 19:51

Instrument :

MSVOA_V

ClientSampleId :

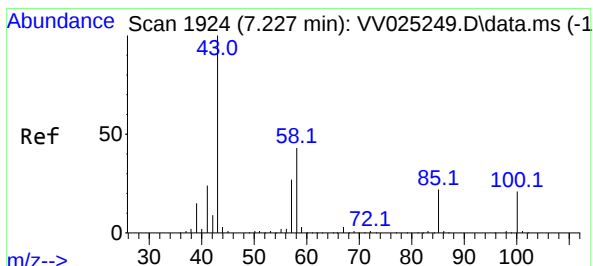
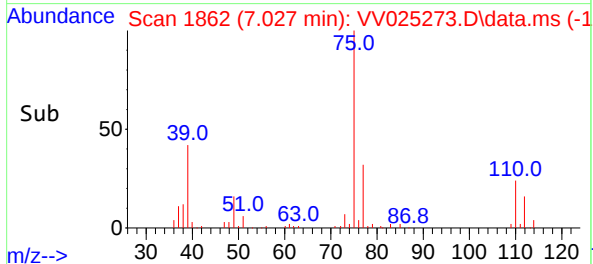
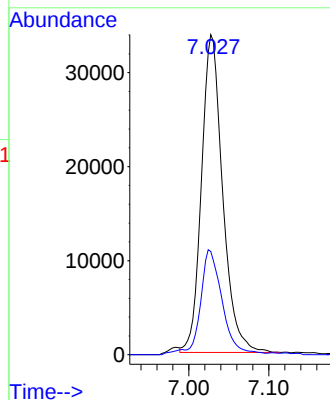
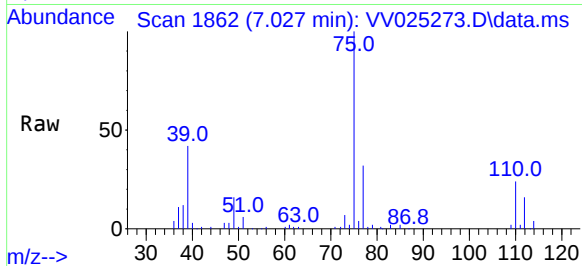
YAZ46MSD

Tgt Ion: 75 Resp: 62369

Ion Ratio Lower Upper

75 100

77 32.3 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 54.303 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV025273.D

Acq: 28 Mar 2022 19:51

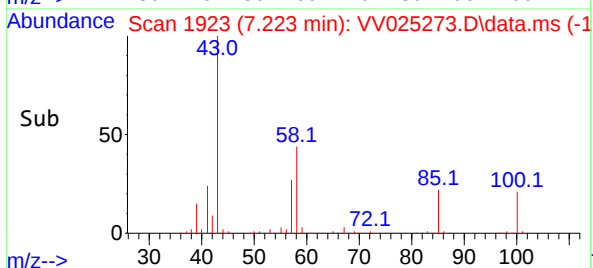
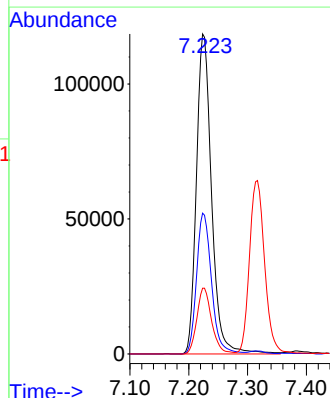
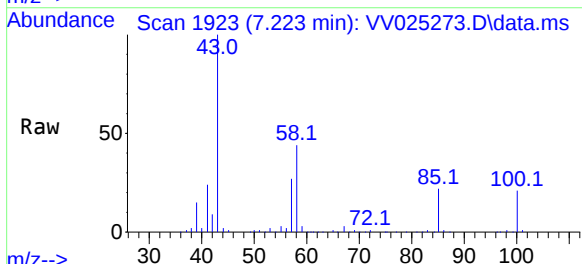
Tgt Ion: 43 Resp: 212118

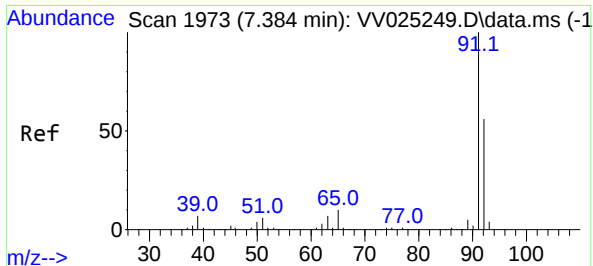
Ion Ratio Lower Upper

43 100

58 43.4 35.1 52.7

100 20.0 15.5 23.3





#42

Toluene

Concen: 5.610 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV025273.D

Acq: 28 Mar 2022 19:51

Instrument :

MSVOA_V

ClientSampleId :

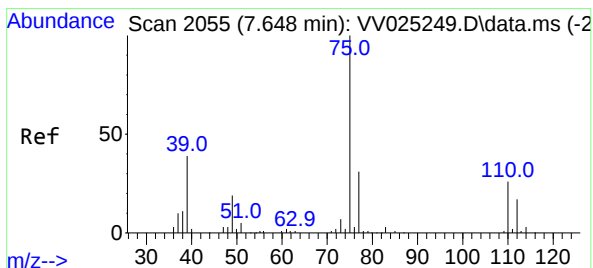
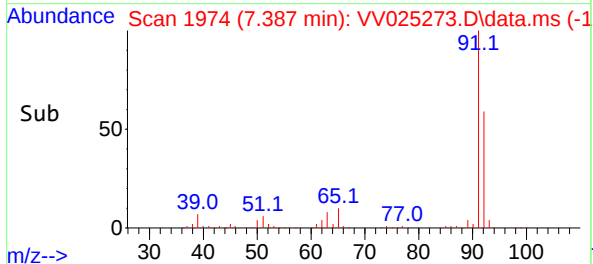
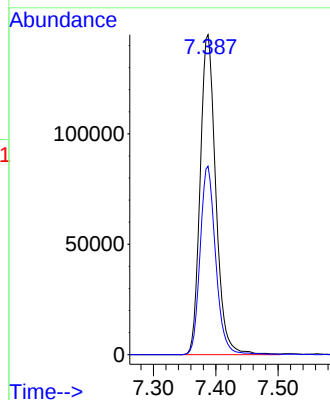
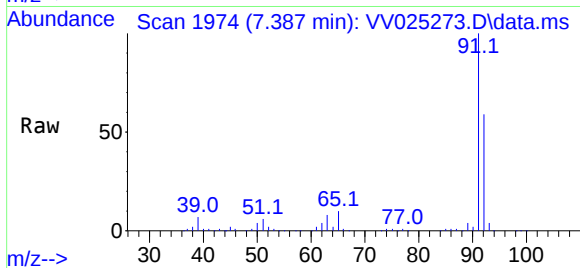
YAZ46MSD

Tgt Ion: 91 Resp: 252581

Ion Ratio Lower Upper

91 100

92 58.9 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 5.159 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV025273.D

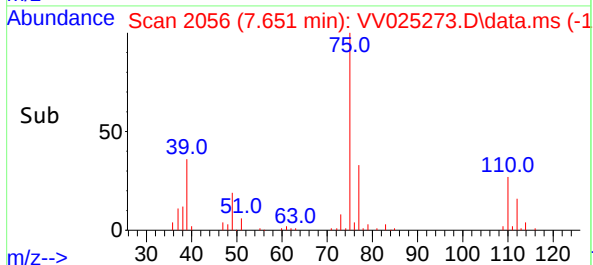
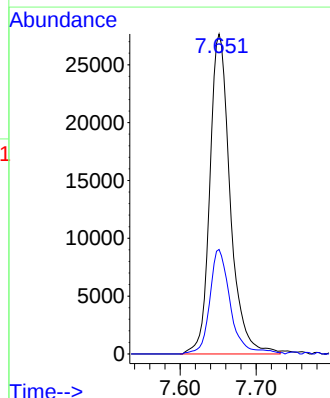
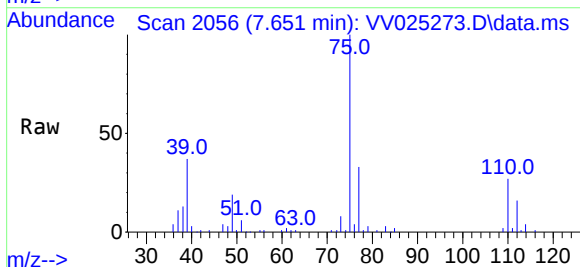
Acq: 28 Mar 2022 19:51

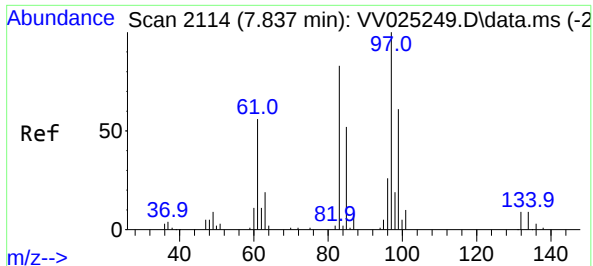
Tgt Ion: 75 Resp: 51443

Ion Ratio Lower Upper

75 100

77 32.6 24.2 45.0



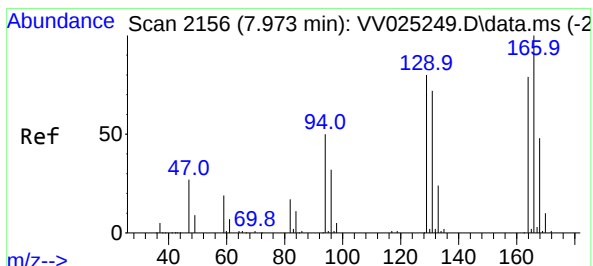
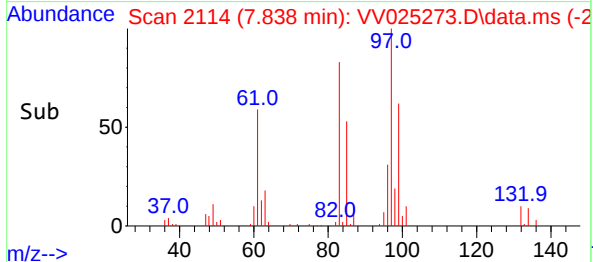
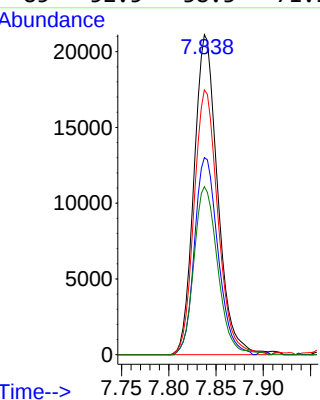
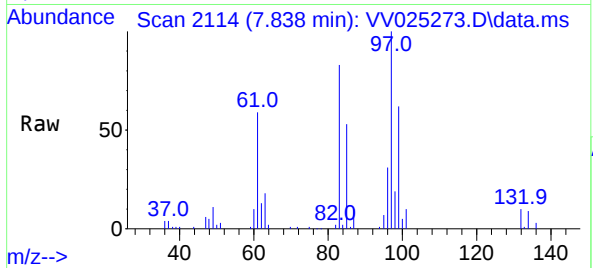


#45
1,1,2-Trichloroethane
Concen: 5.489 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

Instrument :
MSVOA_V
ClientSampleId :
YAZ46MSD

Tgt Ion: 97 Resp: 36765

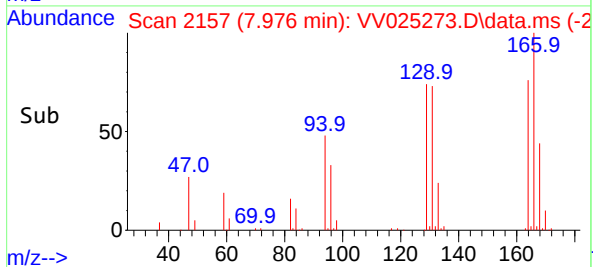
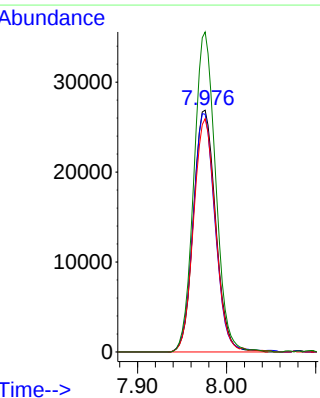
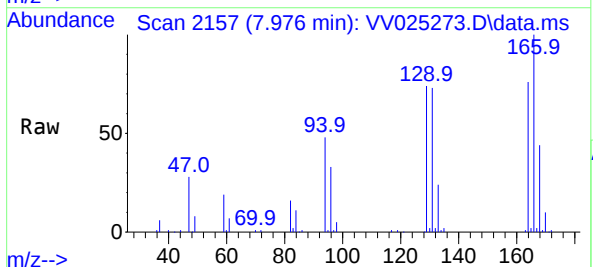
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.3	80.5
83	82.8	58.0	107.6
85	52.5	38.3	71.1

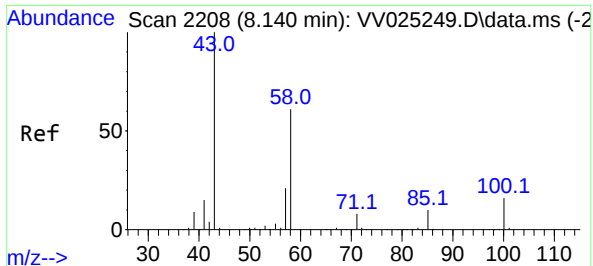


#47
Tetrachloroethene
Concen: 5.436 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.003 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

Tgt Ion: 164 Resp: 46424

Ion	Ratio	Lower	Upper
164	100		
129	98.3	67.5	125.4
131	96.5	68.0	126.4
166	132.4	86.2	160.2





#48

2-Hexanone

Concen: 54.228 ug/L

RT: 8.137 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV025273.D

Acq: 28 Mar 2022 19:51

Instrument :

MSVOA_V

ClientSampleId :

YAZ46MSD

Tgt Ion: 43 Resp: 151501

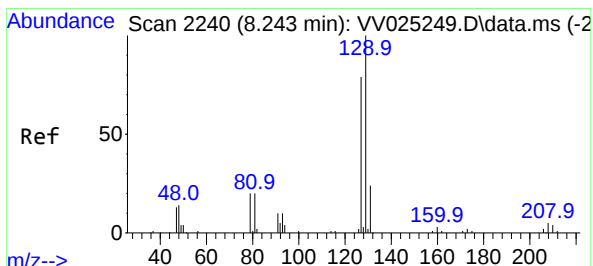
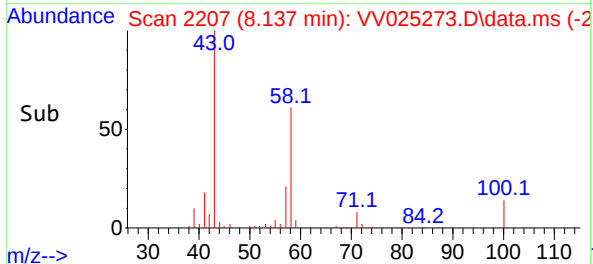
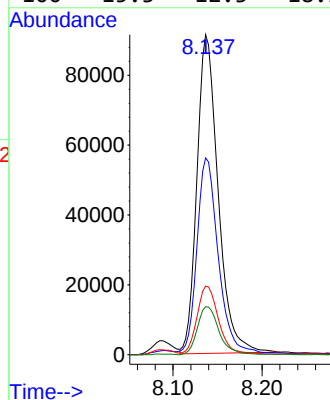
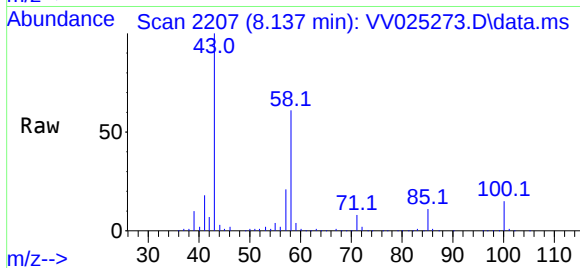
Ion Ratio Lower Upper

43 100

58 62.2 48.5 72.7

57 21.7 16.9 25.3

100 15.3 12.3 18.5



#49

Dibromochloromethane

Concen: 5.396 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.003 min

Lab File: VV025273.D

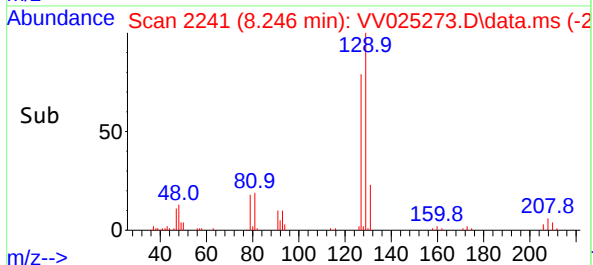
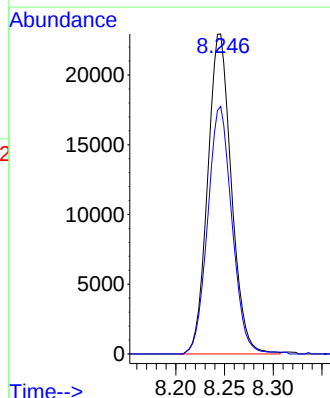
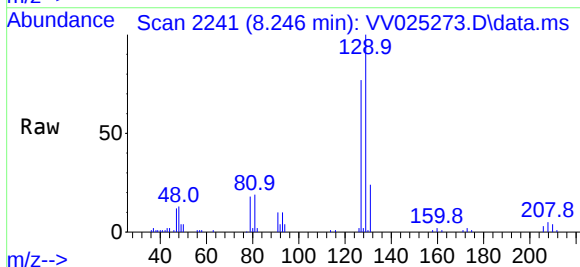
Acq: 28 Mar 2022 19:51

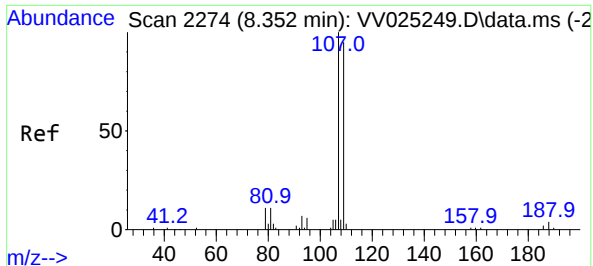
Tgt Ion:129 Resp: 38893

Ion Ratio Lower Upper

129 100

127 77.4 54.1 100.5





#50

1,2-Dibromoethane

Concen: 5.344 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025273.D

Acq: 28 Mar 2022 19:51

Instrument :

MSVOA_V

ClientSampleId :

YAZ46MSD

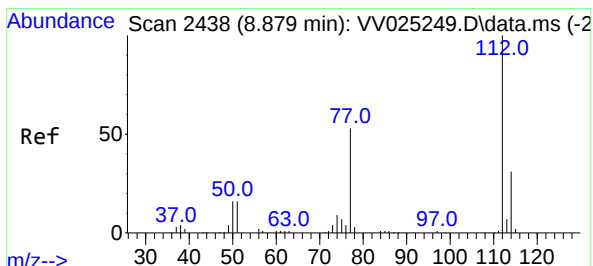
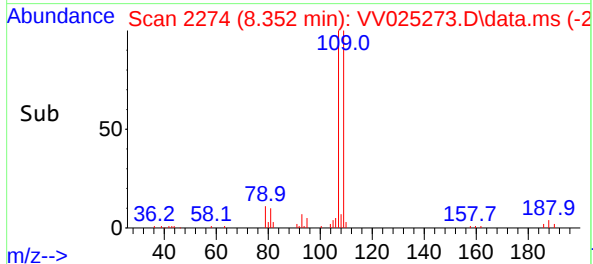
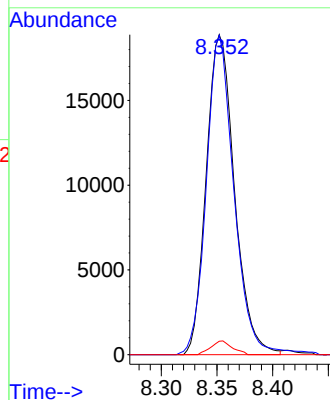
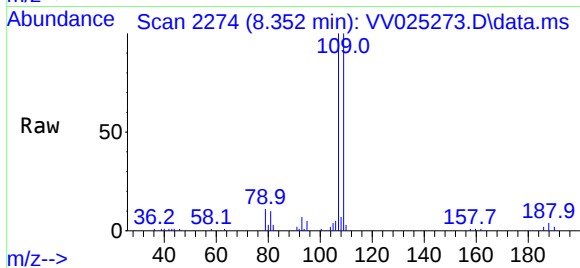
Tgt Ion:107 Resp: 33349

Ion Ratio Lower Upper

107 100

109 99.8 64.7 120.1

188 4.2 2.2 3.4#



#51

Chlorobenzene

Concen: 5.431 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV025273.D

Acq: 28 Mar 2022 19:51

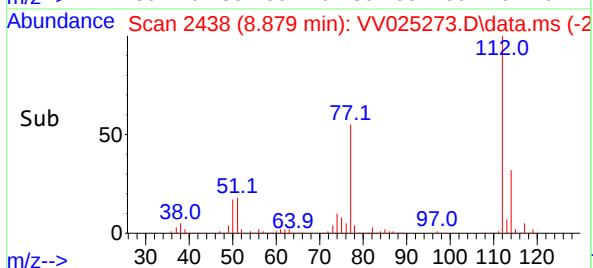
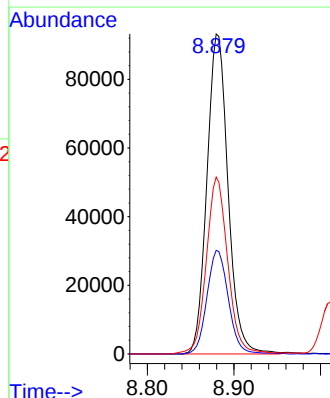
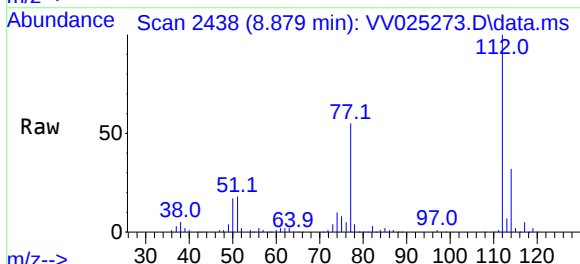
Tgt Ion:112 Resp: 157915

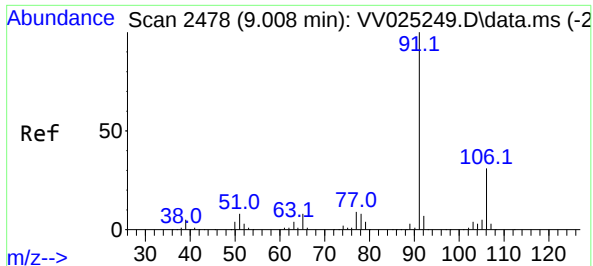
Ion Ratio Lower Upper

112 100

114 32.4 21.9 40.7

77 55.3 44.2 66.4

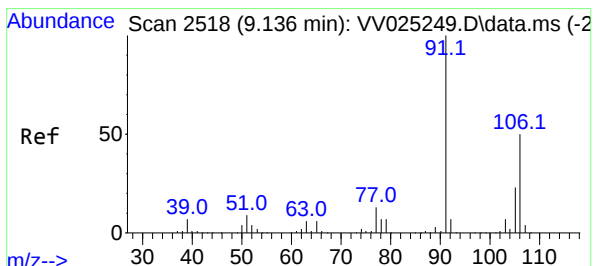
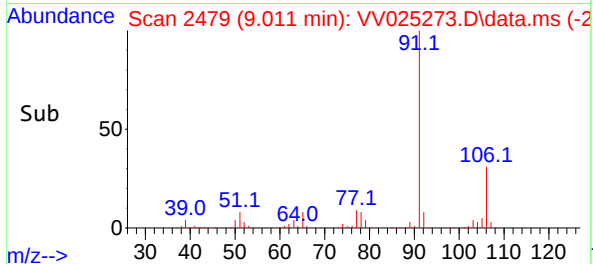
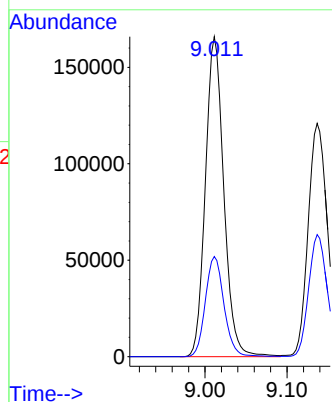
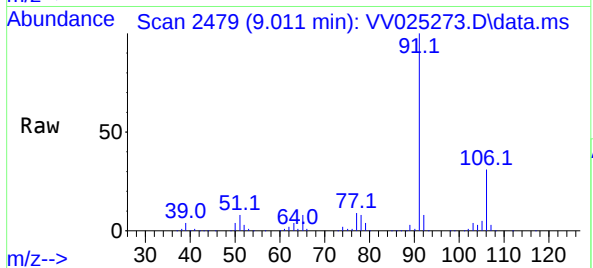




#52
Ethylbenzene
Concen: 5.416 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

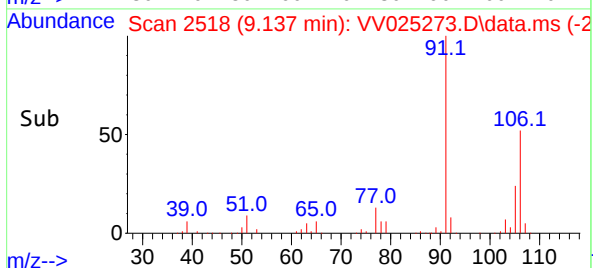
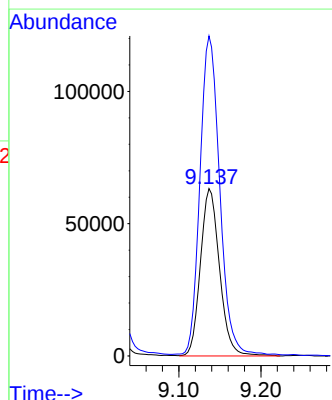
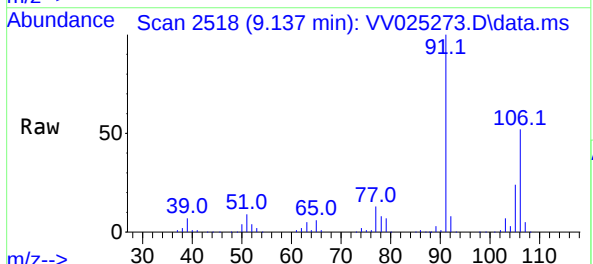
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MSD

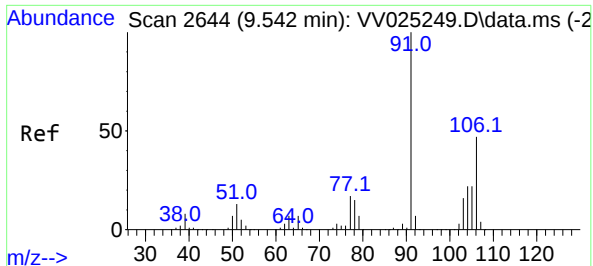
Tgt Ion: 91 Resp: 258633
Ion Ratio Lower Upper
91 100
106 31.3 21.7 40.3



#53
m,p-Xylene
Concen: 5.508 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

Tgt Ion:106 Resp: 102299
Ion Ratio Lower Upper
106 100
91 191.2 136.8 254.0

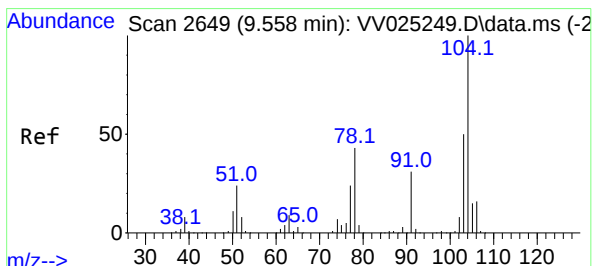
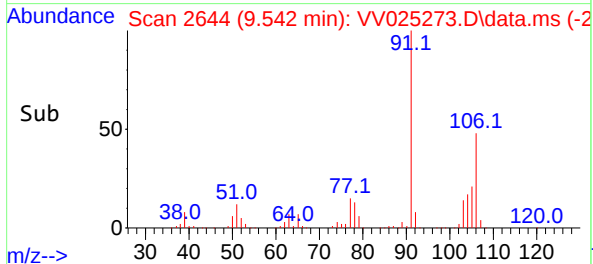
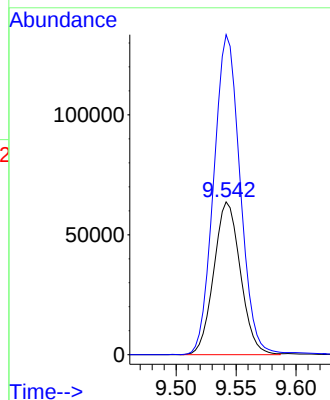
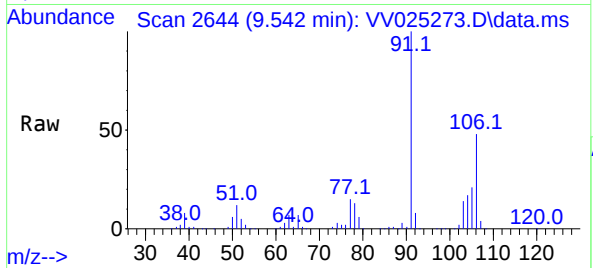




#54
o-Xylene
Concen: 5.536 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

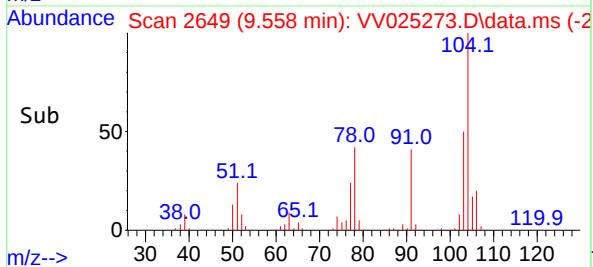
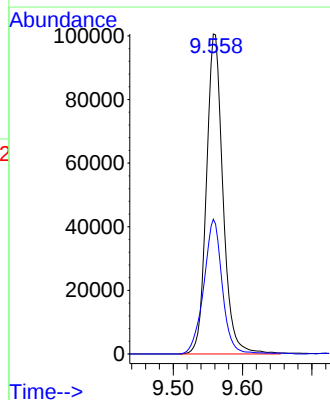
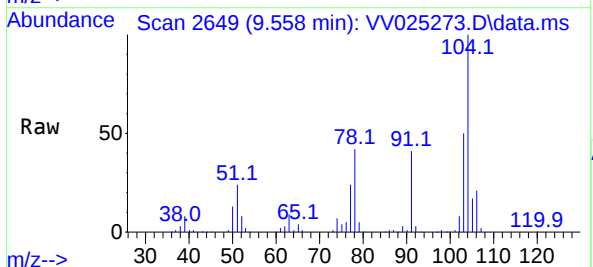
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MSD

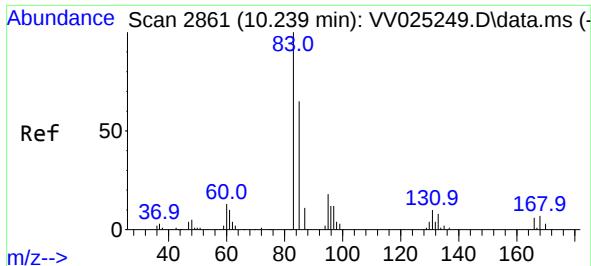
Tgt Ion:106 Resp: 98288
Ion Ratio Lower Upper
106 100
91 209.5 143.0 265.6



#55
Styrene
Concen: 5.694 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

Tgt Ion:104 Resp: 166233
Ion Ratio Lower Upper
104 100
78 42.1 30.1 55.9



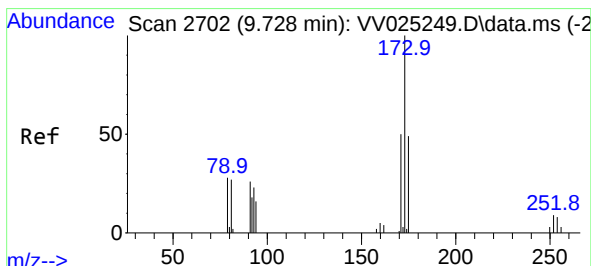
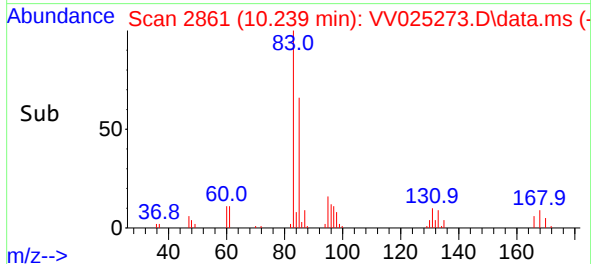
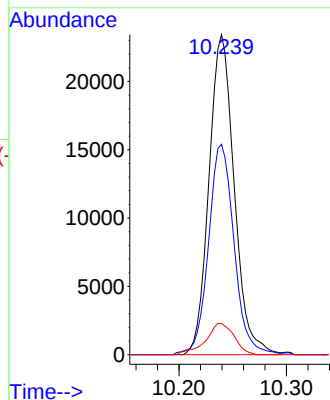
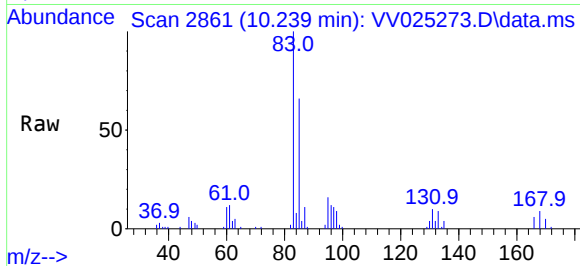


#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.476 ug/L
 RT: 10.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV025273.D
 Acq: 28 Mar 2022 19:51

Instrument :
 MSVOA_V
 ClientSampleId :
 YAZ46MSD

Tgt Ion: 83 Resp: 38236

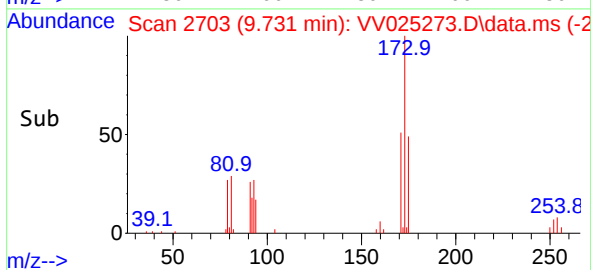
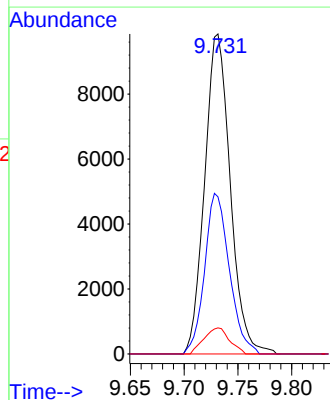
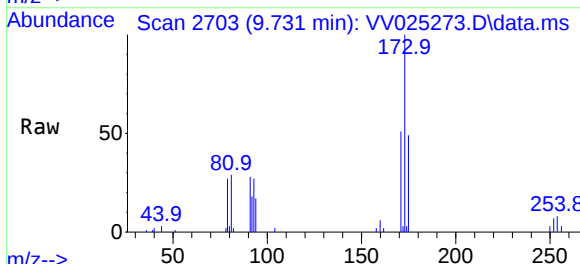
Ion	Ratio	Lower	Upper
83	100		
85	65.8	46.2	85.8
131	9.7	8.1	12.1

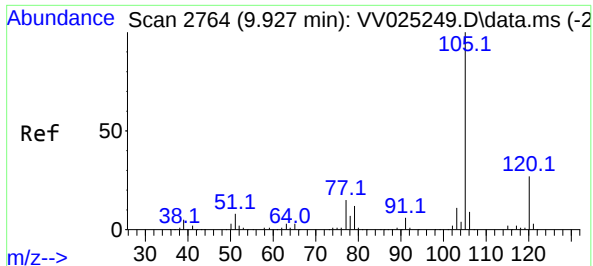


#59
 Bromoform
 Concen: 5.583 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.003 min
 Lab File: VV025273.D
 Acq: 28 Mar 2022 19:51

Tgt Ion: 173 Resp: 16335

Ion	Ratio	Lower	Upper
173	100		
175	48.4	39.4	59.0
254	8.1	5.6	8.4

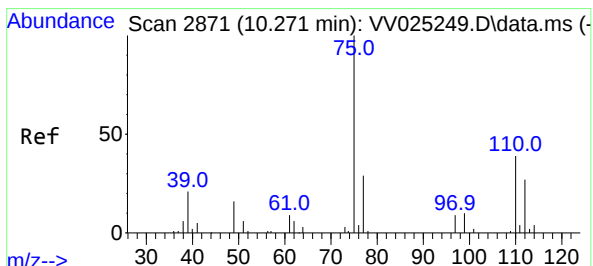
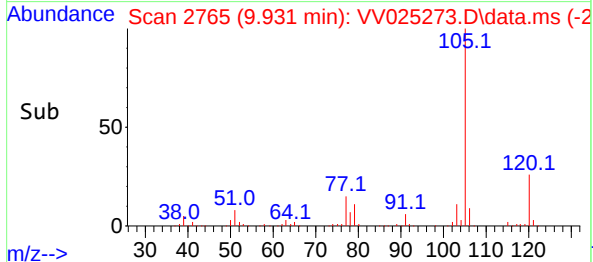
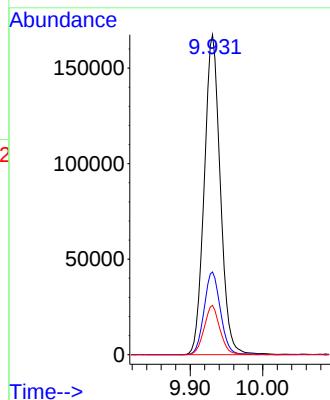
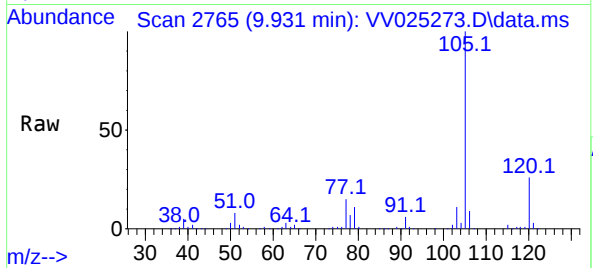




#60
Isopropylbenzene
Concen: 5.427 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

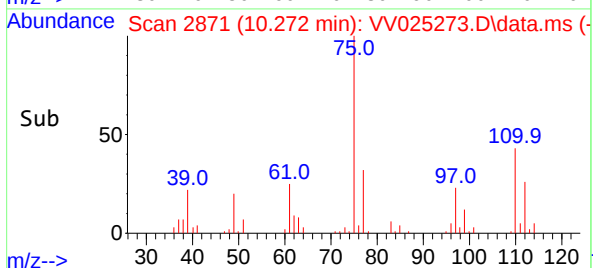
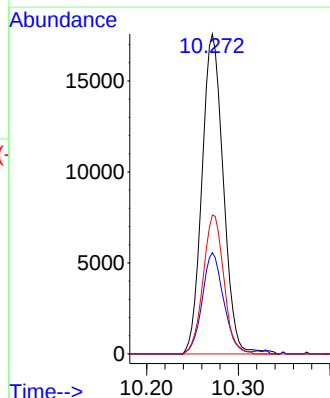
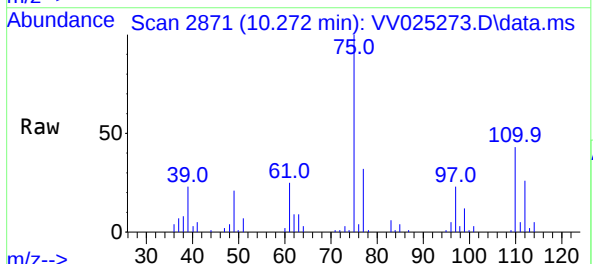
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MSD

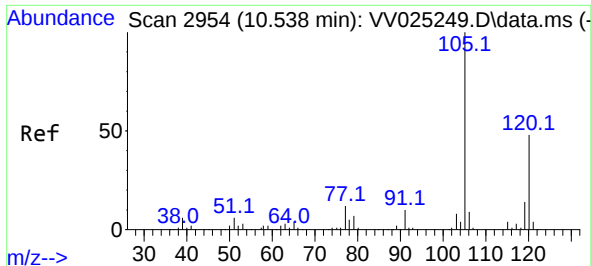
Tgt Ion:105 Resp: 257661
Ion Ratio Lower Upper
105 100
120 26.4 21.1 31.7
77 15.1 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 5.251 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

Tgt Ion: 75 Resp: 28441
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.6
110 42.1 31.6 47.4

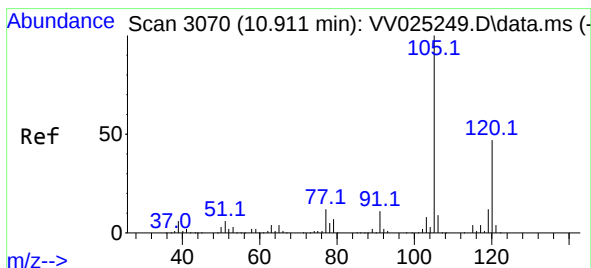
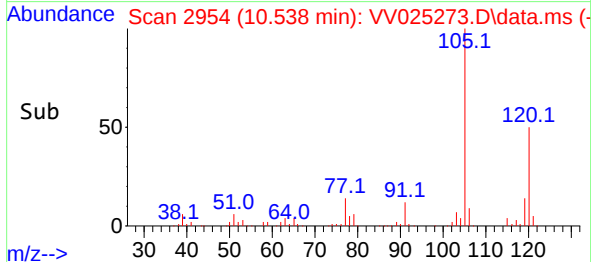
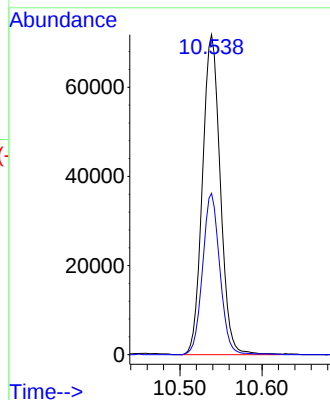
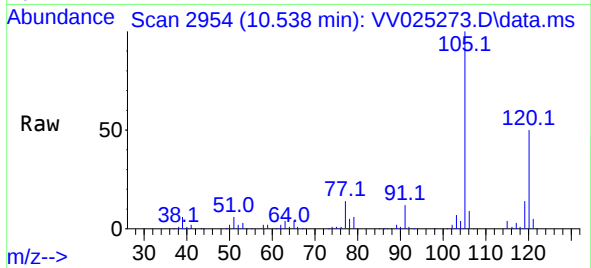




#62
1,3,5-Trimethylbenzene
Concen: 5.090 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

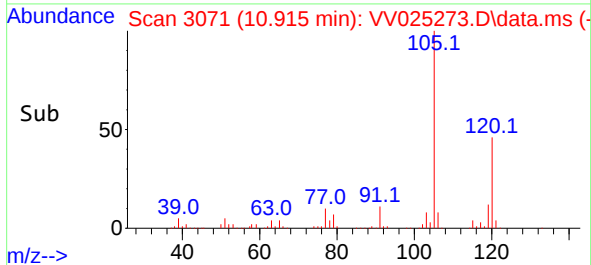
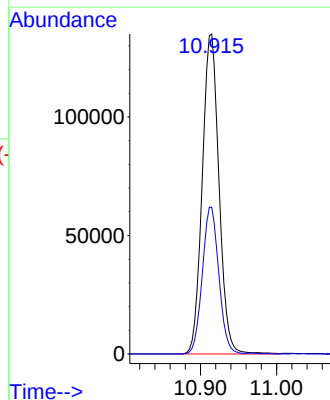
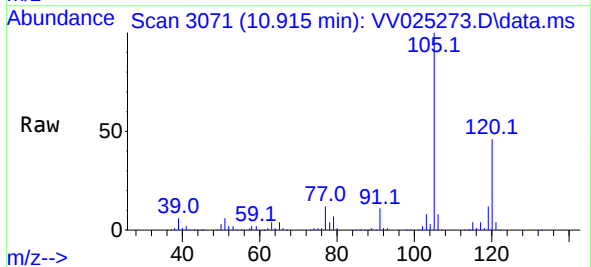
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MSD

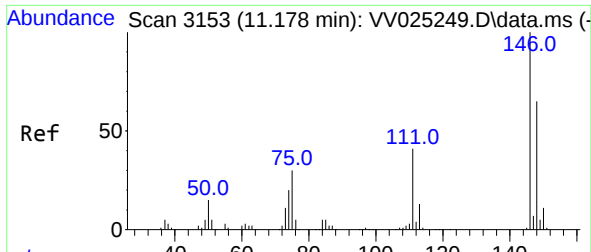
Tgt Ion:105 Resp: 108353
Ion Ratio Lower Upper
105 100
120 48.7 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 5.445 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

Tgt Ion:105 Resp: 206796
Ion Ratio Lower Upper
105 100
120 45.2 36.5 54.7

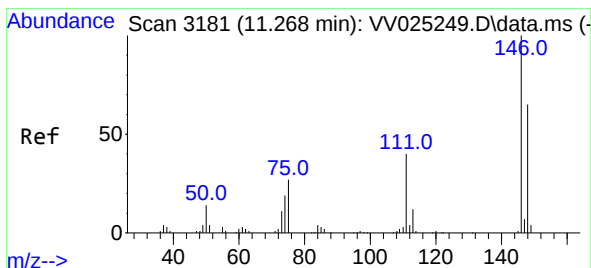
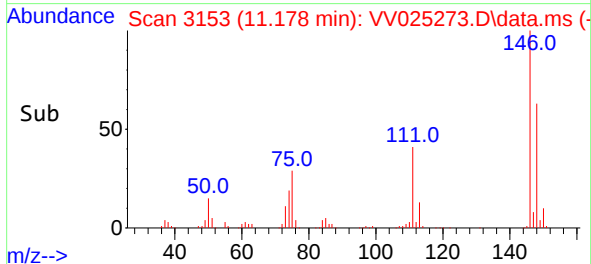
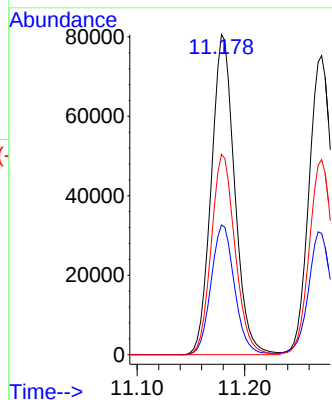
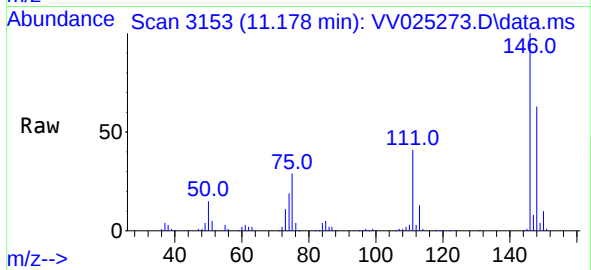




#64
1,3-Dichlorobenzene
Concen: 5.476 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

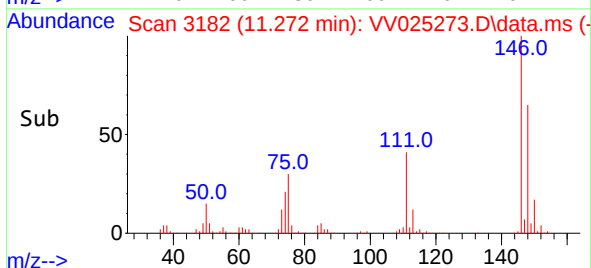
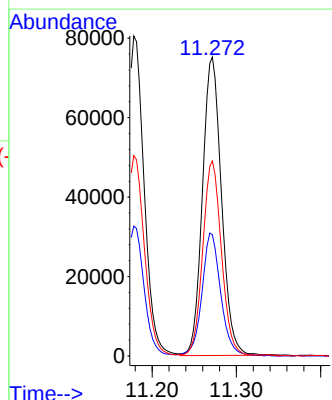
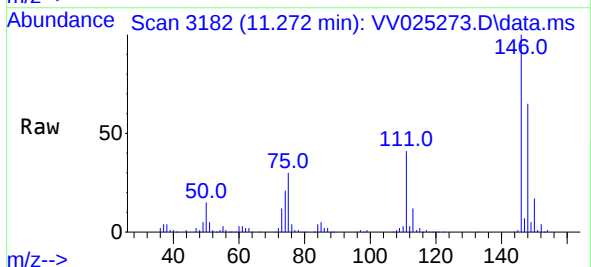
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MSD

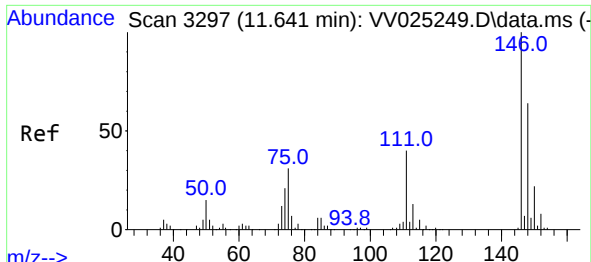
Tgt Ion:146 Resp: 121757
Ion Ratio Lower Upper
146 100
111 40.6 29.0 53.8
148 62.6 44.0 81.8



#65
1,4-Dichlorobenzene
Concen: 5.311 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

Tgt Ion:146 Resp: 118243
Ion Ratio Lower Upper
146 100
111 40.5 27.9 51.9
148 65.2 45.6 84.8

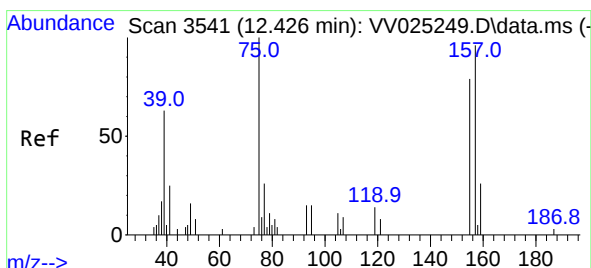
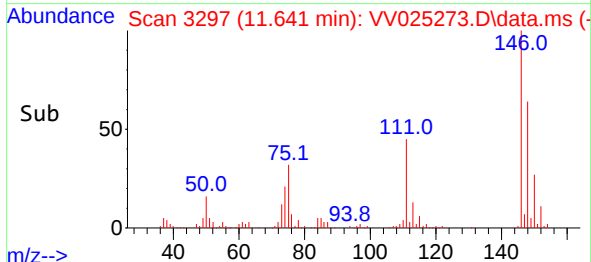
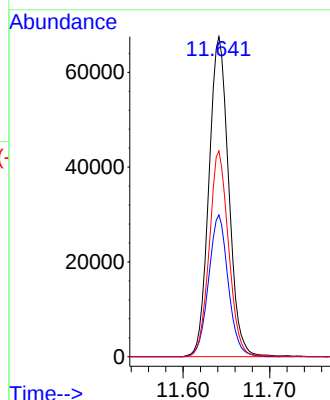
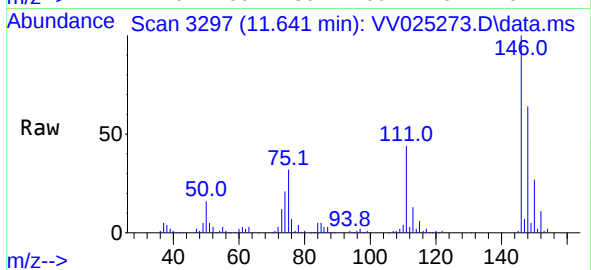




#67
1,2-Dichlorobenzene
Concen: 5.465 ug/L
RT: 11.641 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

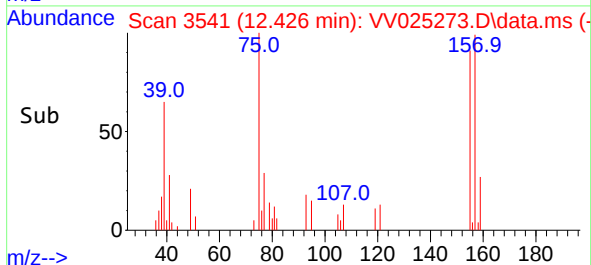
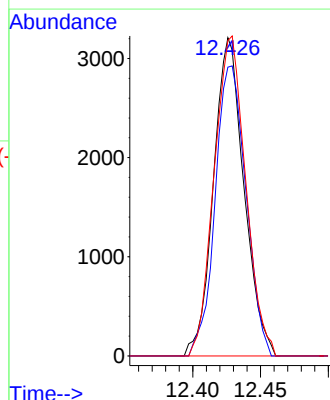
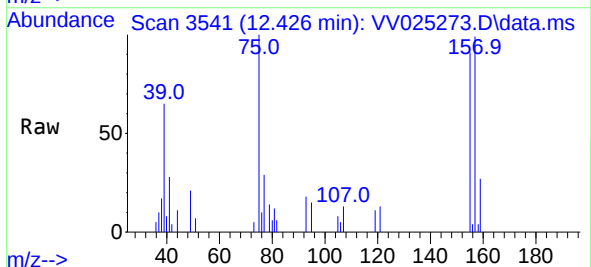
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MSD

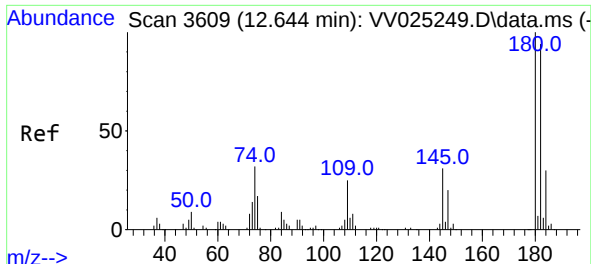
Tgt Ion:146 Resp: 106934
Ion Ratio Lower Upper
146 100
111 44.3 33.0 49.6
148 64.3 49.3 73.9



#68
1,2-Dibromo-3-chloropropane
Concen: 5.170 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

Tgt Ion: 75 Resp: 5014
Ion Ratio Lower Upper
75 100
155 90.7 80.0 120.0
157 99.1 94.5 141.7

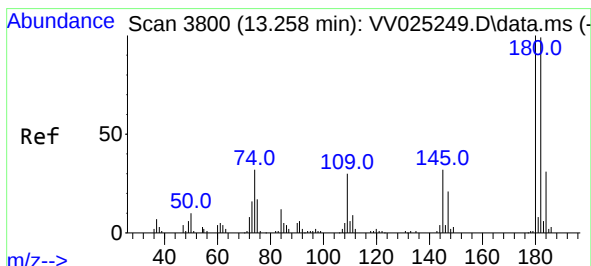
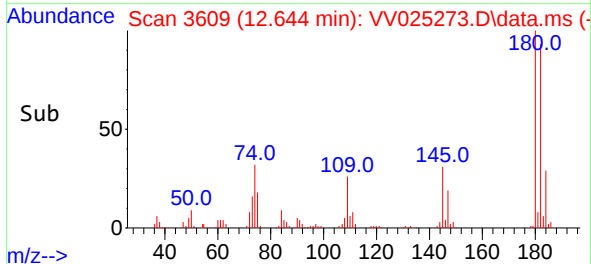
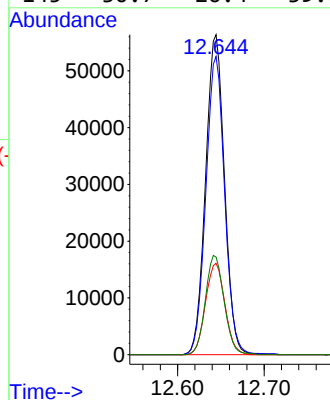
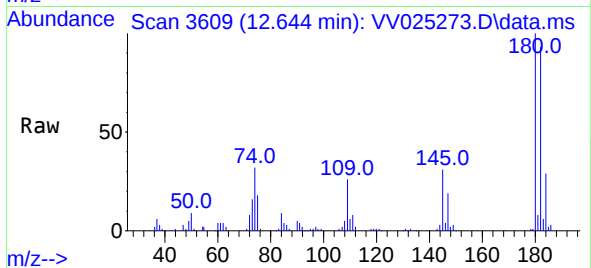




#69
1,3,5-Trichlorobenzene
Concen: 5.332 ug/L
RT: 12.644 min Scan# 30
Delta R.T. 0.000 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

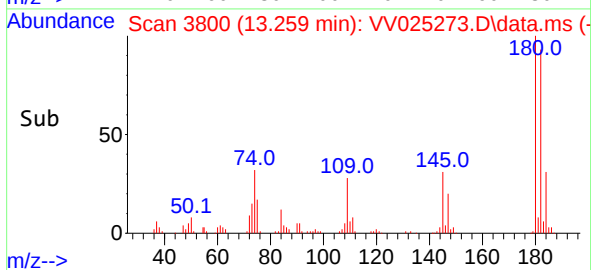
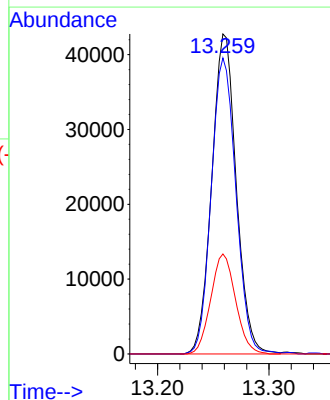
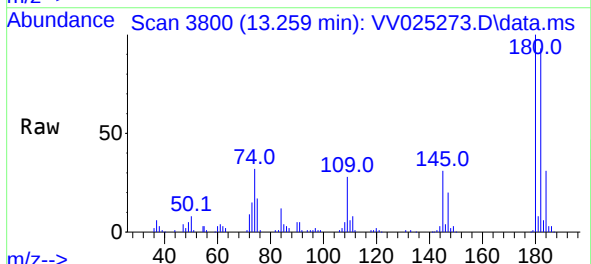
Instrument :
MSVOA_V
ClientSampleId :
YAZ46MSD

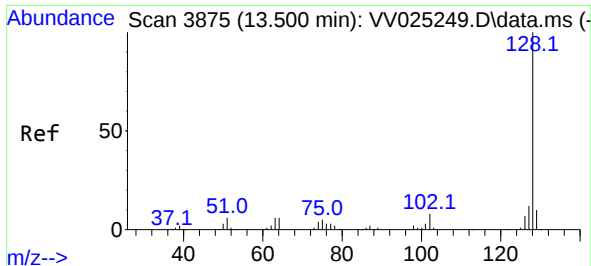
Tgt Ion:180	Resp:	85510
Ion Ratio	Lower	Upper
180	100	
182	92.8	77.1 115.7
184	29.3	23.6 35.4
145	30.7	26.4 39.6



#70
1,2,4-trichlorobenzene
Concen: 5.397 ug/L
RT: 13.259 min Scan# 3800
Delta R.T. 0.000 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

Tgt Ion:180	Resp:	65308
Ion Ratio	Lower	Upper
180	100	
182	92.9	77.5 116.3
145	31.6	26.2 39.4

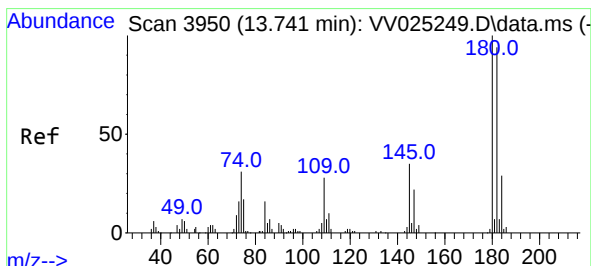
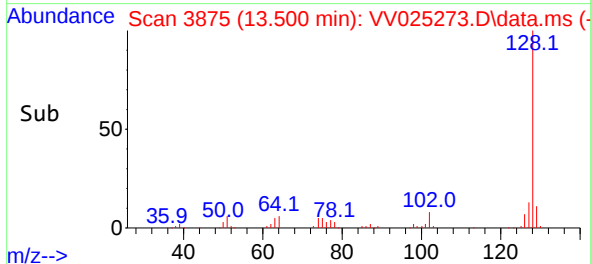
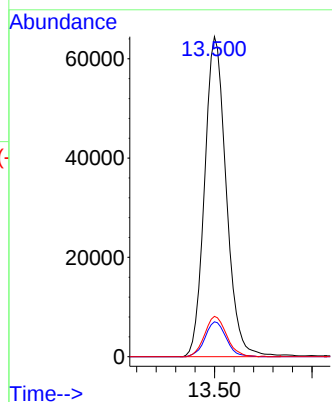
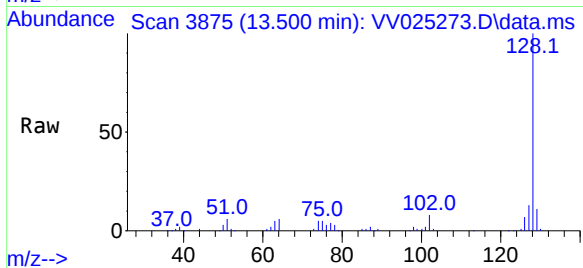




#71
Naphthalene
Concen: 5.265 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

Instrument :
MSVOA_V
ClientSampleId :
YAZ46MSD

Tgt Ion:128	Resp:	99287
Ion Ratio	Lower	Upper
128	100	
129	10.7	8.8 13.2
127	12.8	10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 5.338 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV025273.D
Acq: 28 Mar 2022 19:51

Tgt Ion:180	Resp:	55654
Ion Ratio	Lower	Upper
180	100	
182	93.7	75.8 113.6
145	34.6	28.6 42.8

