

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011422\
 Data File : VW024368.D
 Acq On : 14 Jan 2022 18:25
 Operator : SY/MD
 Sample : VSTDCCC50EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 17 07:21:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM123121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 13 02:28:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	297074	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	277029	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	147203	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	88692	41.483	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.960%
7) Chloroethane-d5	1.568	69	71075	43.761	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.520%
11) 1,1-Dichloroethene-d2	2.111	63	176867	44.263	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.520%
21) 2-Butanone-d5	3.880	46	150139	126.043	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	126.040%
24) Chloroform-d	4.349	84	214108	54.794	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.580%
26) 1,2-Dichloroethane-d4	5.034	65	134708	51.490	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.980%
32) Benzene-d6	5.050	84	402629	55.694	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.380%
36) 1,2-Dichloropropane-d6	6.069	67	123392	60.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	121.800%#
41) Toluene-d8	7.313	98	381225	54.464	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.920%
43) trans-1,3-Dichloroprop...	7.619	79	63165	54.142	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	108.280%
47) 2-Hexanone-d5	8.085	63	107424	122.041	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.040%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	166965	57.666	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.340%
66) 1,2-Dichlorobenzene-d4	11.622	152	157121	53.550	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	87742	36.610	ug/L	100
3) Chloromethane	1.243	50	86238	42.829	ug/L	99
5) Vinyl chloride	1.311	62	92656	43.489	ug/L	96
6) Bromomethane	1.523	94	58754	48.394	ug/L	97
8) Chloroethane	1.584	64	56406	42.892	ug/L	95
9) Trichlorofluoromethane	1.754	101	156398	40.839	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	82649	44.159	ug/L	96
12) 1,1-Dichloroethene	2.121	96	78448	43.353	ug/L	87
13) Acetone	2.172	43	100873	85.770	ug/L	98
14) Carbon disulfide	2.294	76	205210	39.057	ug/L	100
15) Methyl Acetate	2.429	43	99720	58.297	ug/L	97
16) Methylene chloride	2.507	84	99811	50.651	ug/L	97
17) trans-1,2-Dichloroethene	2.761	96	90402	48.482	ug/L	95
18) Methyl tert-butyl Ether	2.767	73	324561	56.477	ug/L	98
19) 1,1-Dichloroethane	3.191	63	174501	56.422	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	105776	53.116	ug/L	99
22) 2-Butanone	3.963	43	139125	111.363	ug/L	91
23) Bromochloromethane	4.249	128	58227	50.744	ug/L	92
25) Chloroform	4.375	83	221354	61.214	ug/L	98

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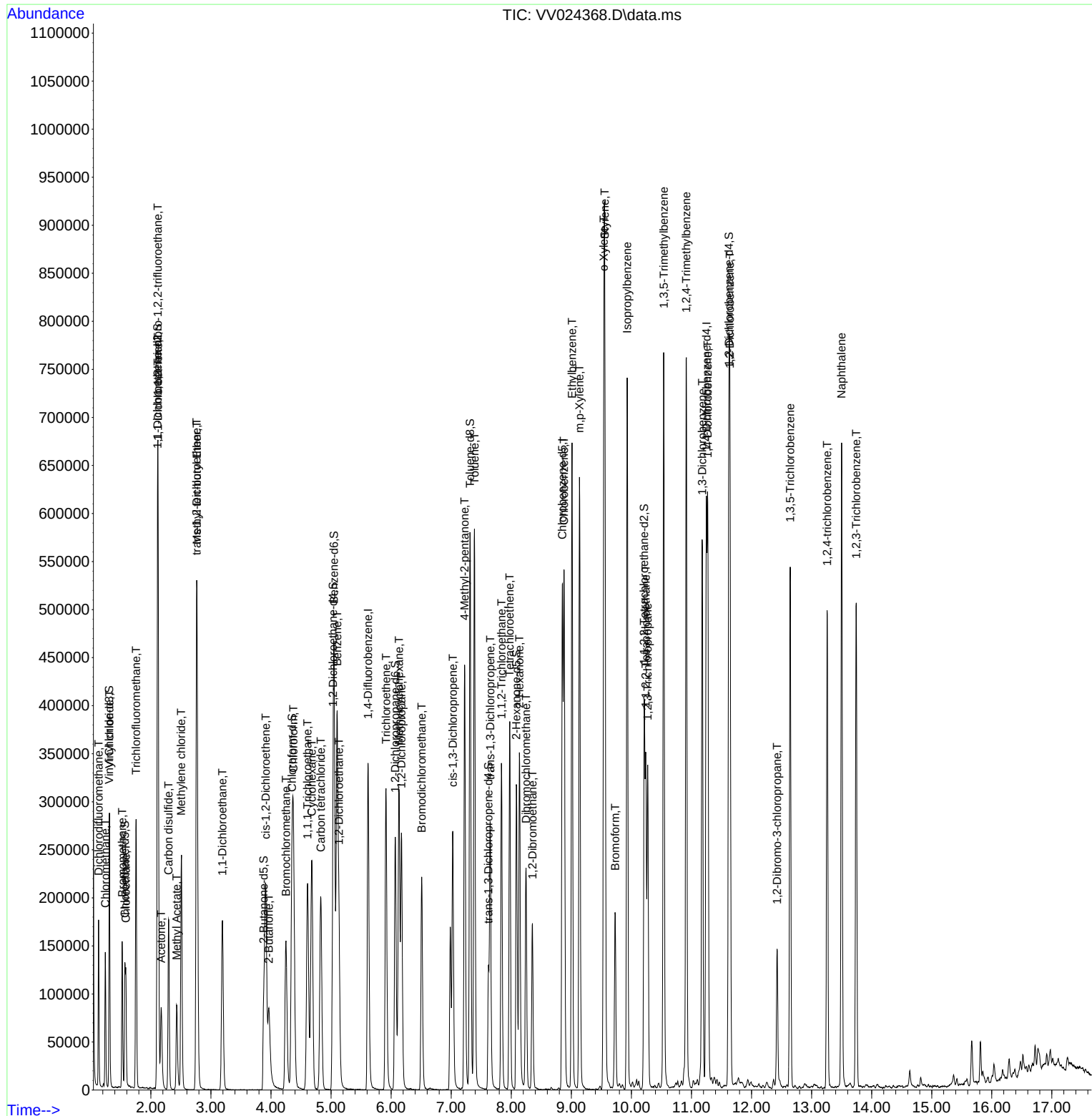
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	145705	49.540	ug/L	98
29) Cyclohexane	4.680	56	132354	53.446	ug/L	95
30) 1,1,1-Trichloroethane	4.609	97	173658	50.947	ug/L	99
31) Carbon tetrachloride	4.828	117	149217	47.187	ug/L	98
33) Benzene	5.101	78	382659	54.323	ug/L	100
34) Trichloroethene	5.915	95	105911	54.523	ug/L	96
35) Methylcyclohexane	6.130	83	136900	47.520	ug/L	97
37) 1,2-Dichloropropane	6.172	63	100499	60.657	ug/L	97
38) Bromodichloromethane	6.510	83	143532	55.206	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	162010	58.169	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	277266	128.334	ug/L	98
42) Toluene	7.387	91	427346	54.045	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	156928	55.545	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	103580	55.766	ug/L	97
46) Tetrachloroethene	7.976	164	85266	48.227	ug/L	97
48) 2-Hexanone	8.137	43	209181	120.544	ug/L	97
49) Dibromochloromethane	8.246	129	117846	50.616	ug/L	99
50) 1,2-Dibromoethane	8.352	107	110919	55.598	ug/L	99
51) Chlorobenzene	8.879	112	284064	53.337	ug/L	98
52) Ethylbenzene	9.011	91	460312	54.491	ug/L	99
53) m,p-Xylene	9.137	106	179752	53.086	ug/L	98
54) o-Xylene	9.542	106	176093	54.480	ug/L	99
55) Styrene	9.558	104	306539	54.611	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	153585	56.628	ug/L	99
59) Bromoform	9.731	173	83614	49.814	ug/L	99
60) Isopropylbenzene	9.931	105	471720	57.911	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	127620	59.042	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	398295	56.845	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	405730	58.002	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	229558	54.658	ug/L	98
65) 1,4-Dichlorobenzene	11.272	146	234299	54.095	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	231756	53.542	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	32963	52.949	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	165377	51.192	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	151868	54.968	ug/L	100
71) Naphthalene	13.500	128	512415	64.105	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	150738	52.790	ug/L	97

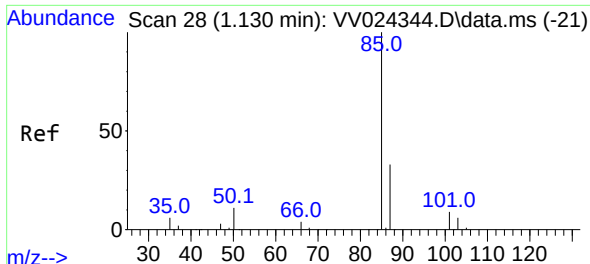
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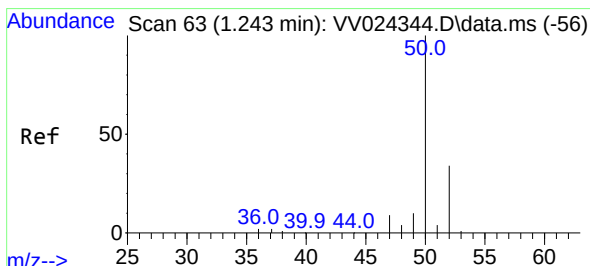
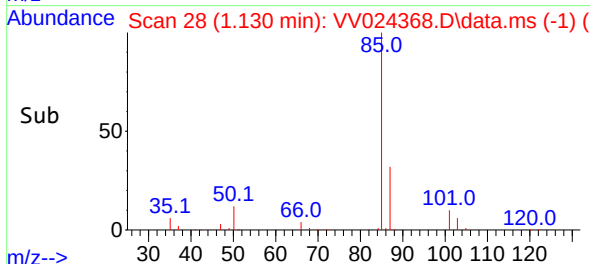
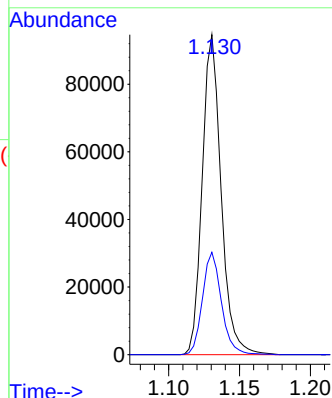
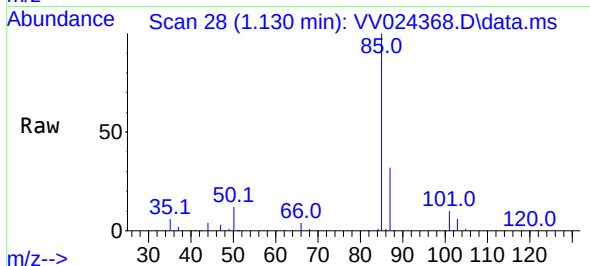




#2
 Dichlorodifluoromethane
 Concen: 36.610 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV024368.D
 Acq: 14 Jan 2022 18:25

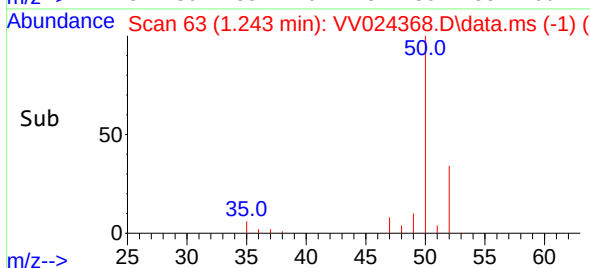
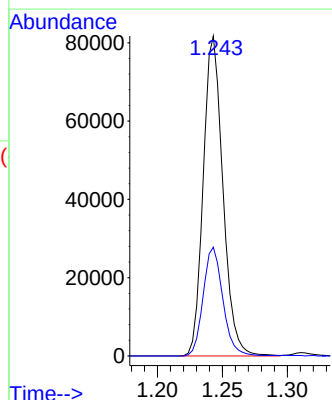
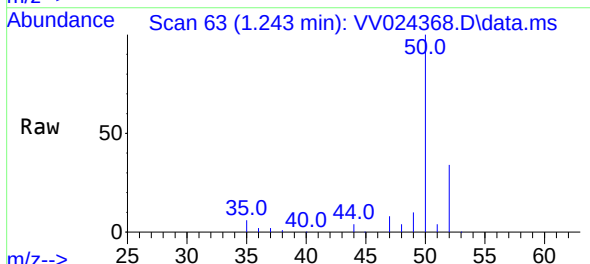
Instrument :
 MSVOA_V
 ClientSampleId :

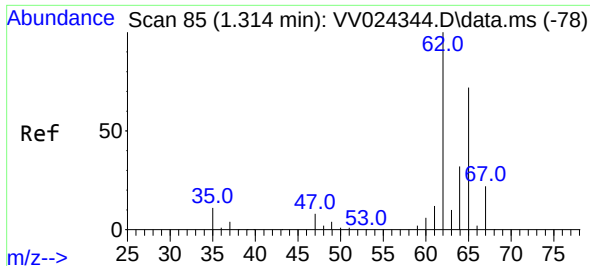
Tgt Ion: 85 Resp: 87742
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.8 38.8



#3
 Chloromethane
 Concen: 42.829 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024368.D
 Acq: 14 Jan 2022 18:25

Tgt Ion: 50 Resp: 86238
 Ion Ratio Lower Upper
 50 100
 52 34.0 24.1 44.7

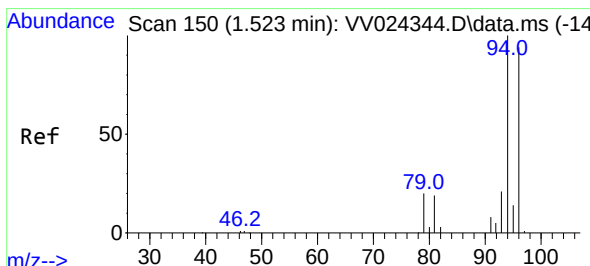
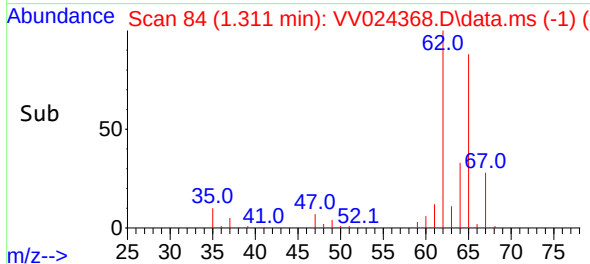
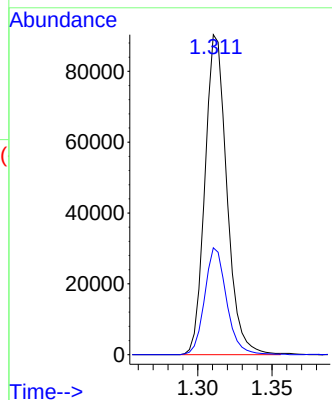
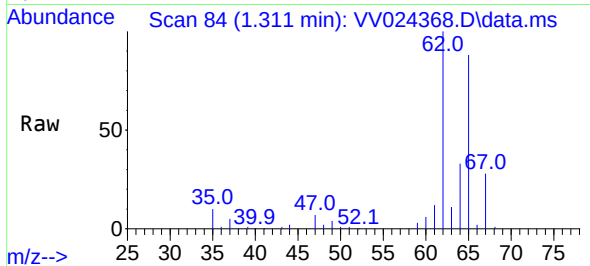




#5
 Vinyl chloride
 Concen: 43.489 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV024368.D
 Acq: 14 Jan 2022 18:25

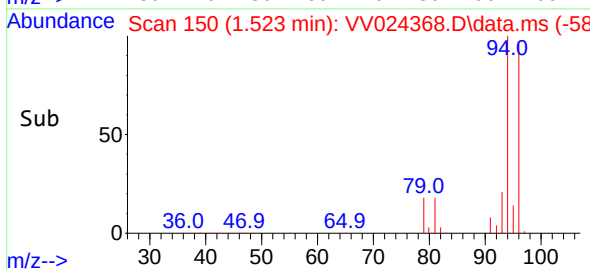
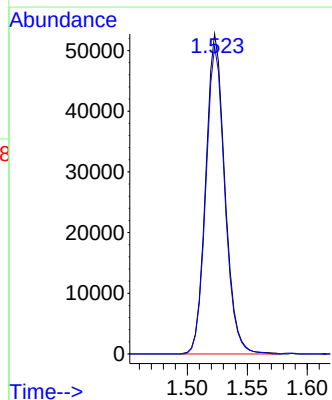
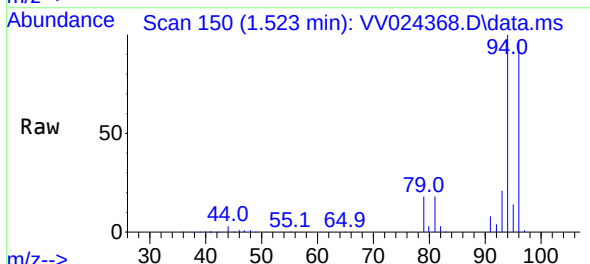
Instrument :
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 ClientSampleId :

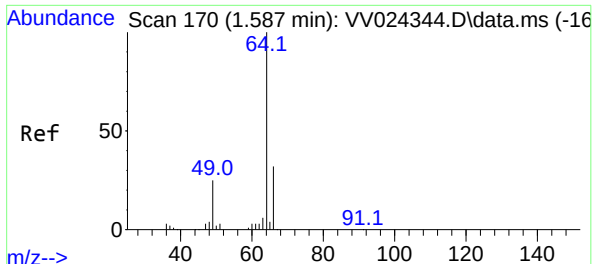
Tgt Ion: 62 Resp: 92656
 Ion Ratio Lower Upper
 62 100
 64 33.4 25.0 46.4



#6
 Bromomethane
 Concen: 48.394 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.003 min
 Lab File: VV024368.D
 Acq: 14 Jan 2022 18:25

Tgt Ion: 94 Resp: 58754
 Ion Ratio Lower Upper
 94 100
 96 96.1 65.0 120.6

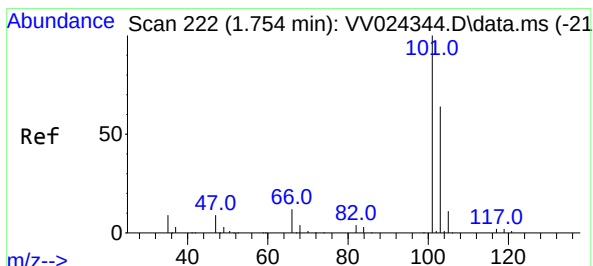
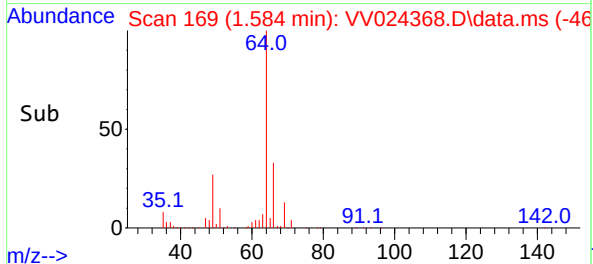
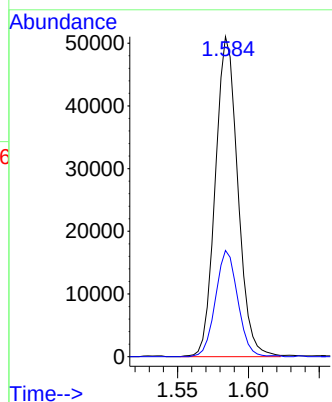
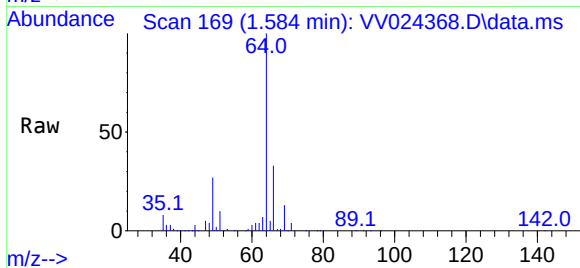




#8
Chloroethane
Concen: 42.892 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

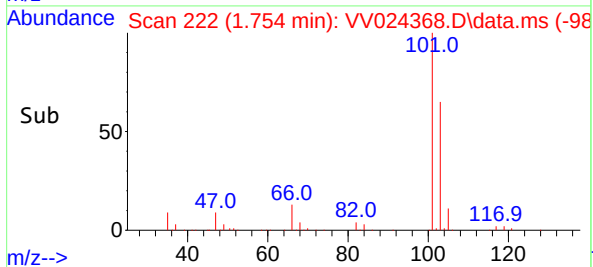
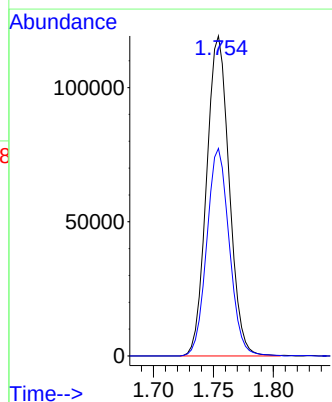
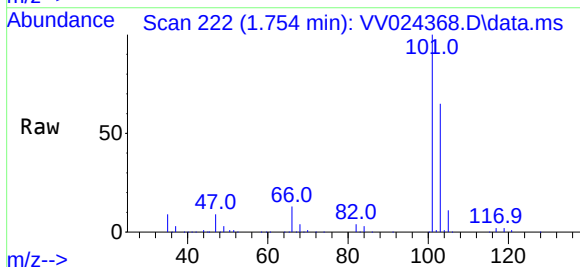
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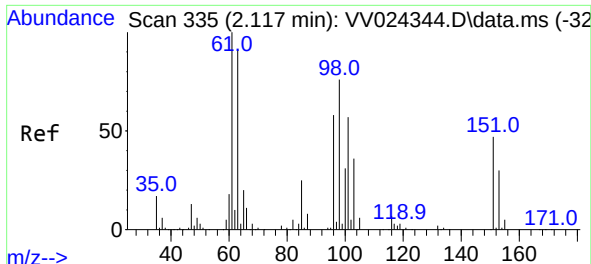
Tgt Ion: 64 Resp: 56406
Ion Ratio Lower Upper
64 100
66 33.2 21.4 39.8



#9
Trichlorofluoromethane
Concen: 40.839 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

Tgt Ion:101 Resp: 156398
Ion Ratio Lower Upper
101 100
103 64.6 52.0 78.0

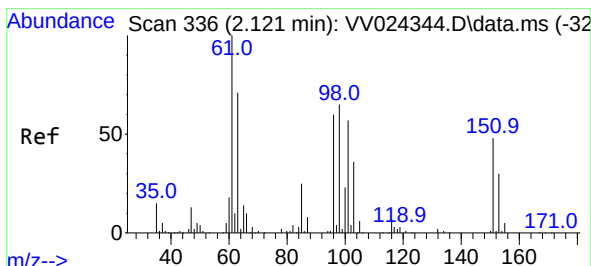
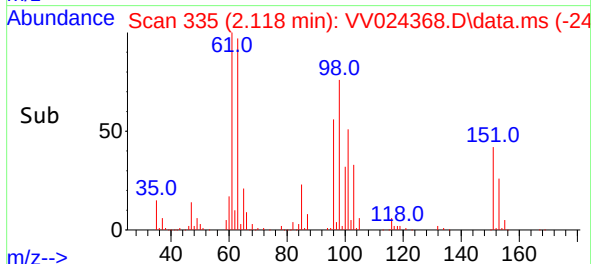
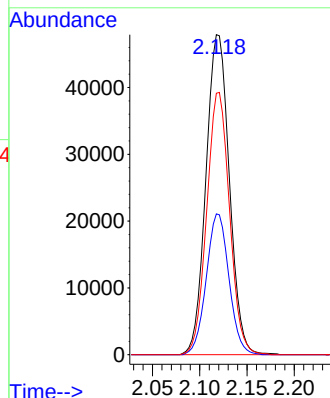
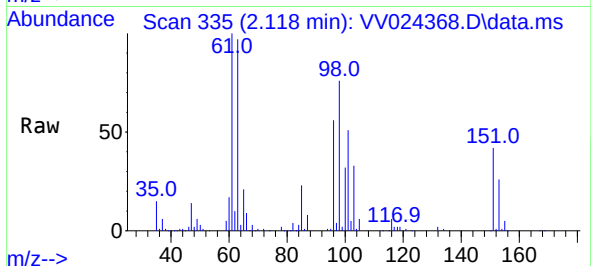




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 44.159 ug/L
RT: 2.118 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV024368.D
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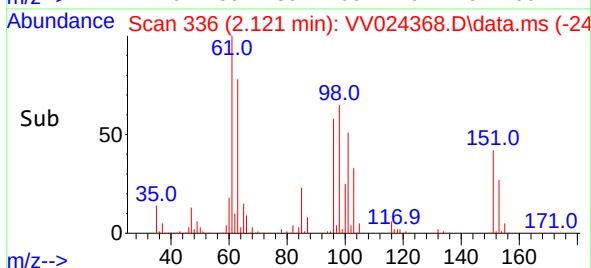
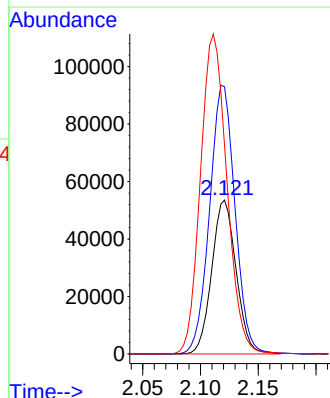
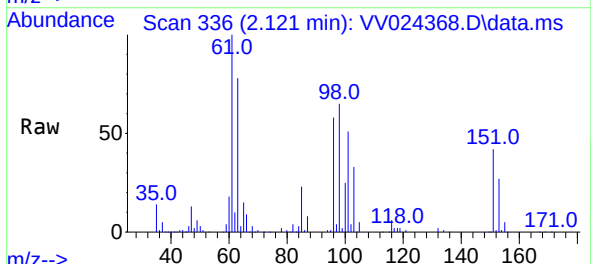
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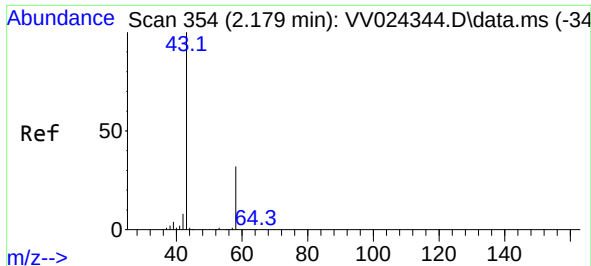
Tgt Ion:101 Resp: 82649
Ion Ratio Lower Upper
101 100
85 42.6 35.3 52.9
151 80.0 67.1 100.7



#12
1,1-Dichloroethene
Concen: 43.353 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.000 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

Tgt Ion: 96 Resp: 78448
Ion Ratio Lower Upper
96 100
61 173.6 111.9 207.9
63 135.7 82.7 153.5





#13

Acetone

Concen: 85.770 ug/L

RT: 2.172 min Scan# 3

Delta R.T. -0.010 min

Lab File: VV024368.D

Acq: 14 Jan 2022 18:25

Instrument :

MSVOA_V

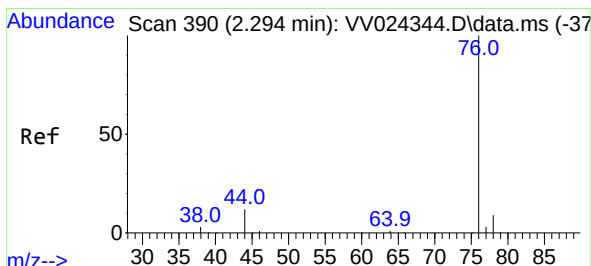
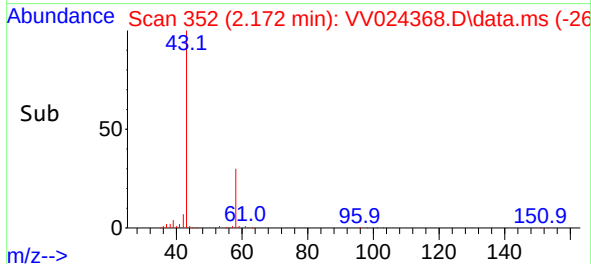
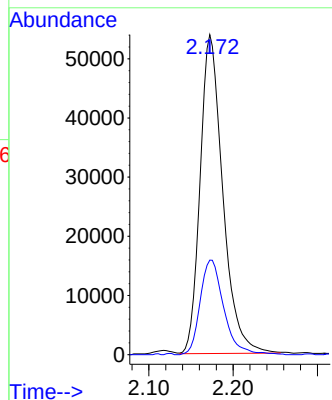
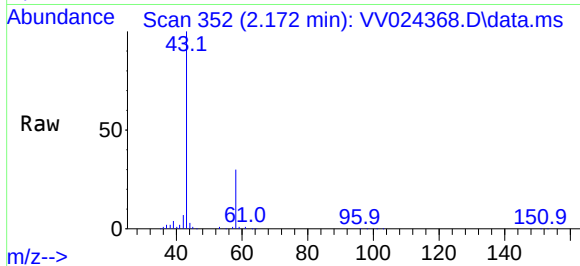
ClientSampleId :

Tgt Ion: 43 Resp: 100873

Ion Ratio Lower Upper

43 100

58 30.6 0.0 63.0



#14

Carbon disulfide

Concen: 39.057 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

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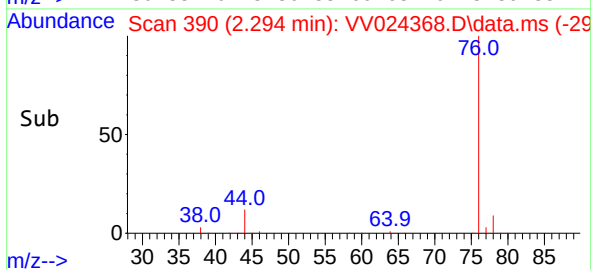
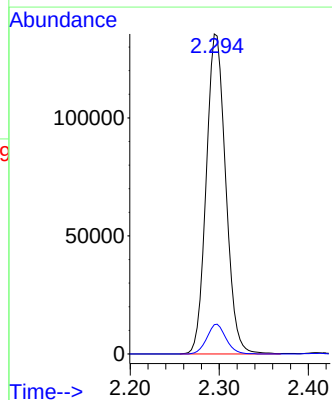
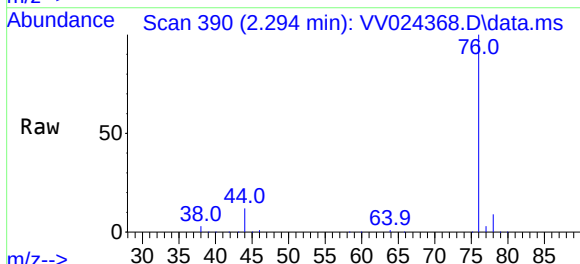
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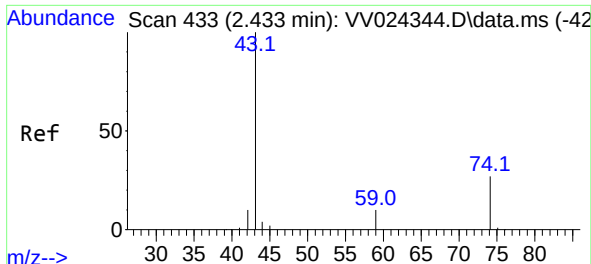
Tgt Ion: 76 Resp: 205210

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

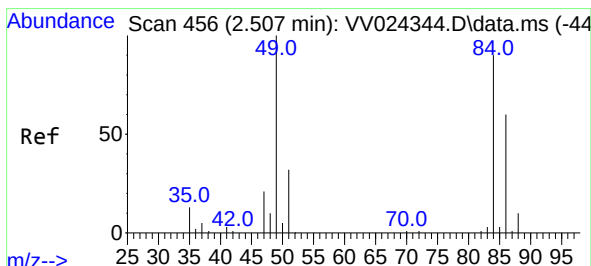
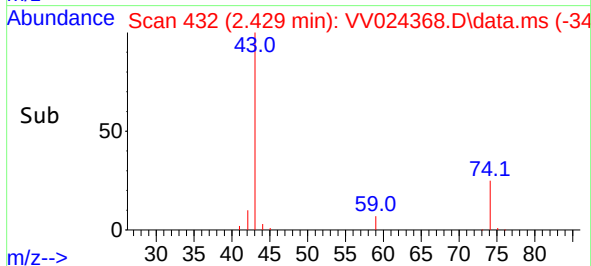
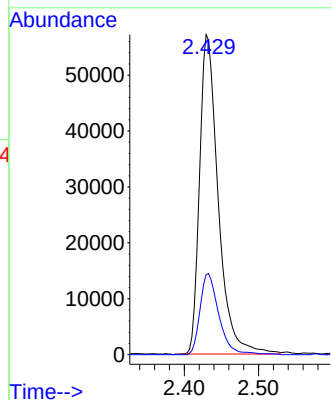
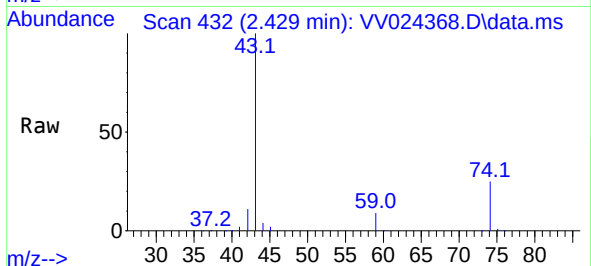




#15
Methyl Acetate
Concen: 58.297 ug/L
RT: 2.429 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

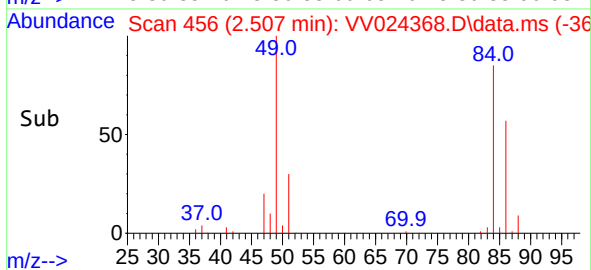
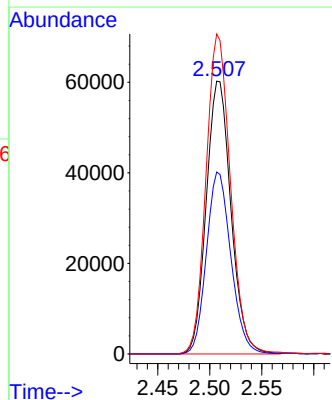
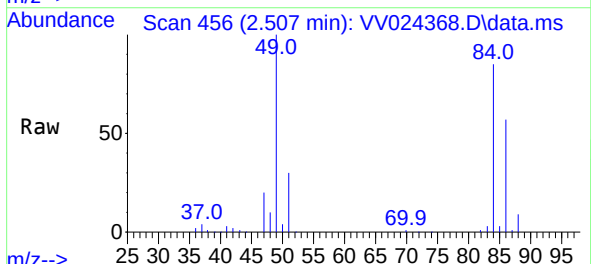
Instrument :
MSVOA_V
ClientSampleId :

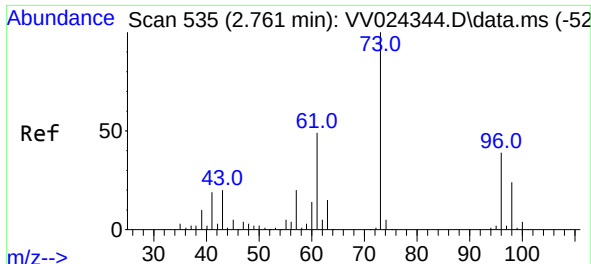
Tgt Ion: 43 Resp: 99720
Ion Ratio Lower Upper
43 100
74 25.7 21.8 32.8



#16
Methylene chloride
Concen: 50.651 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

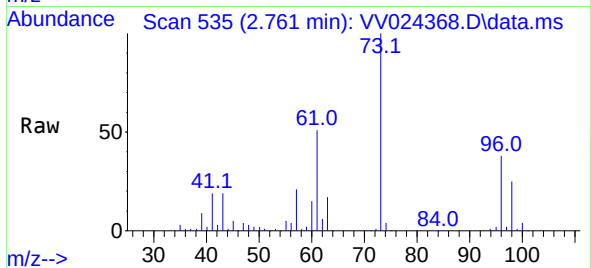
Tgt Ion: 84 Resp: 99811
Ion Ratio Lower Upper
84 100
86 66.7 46.8 86.8
49 117.3 78.3 145.3



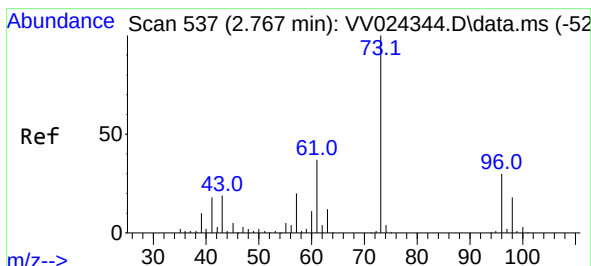
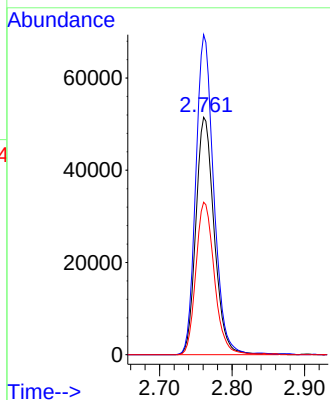
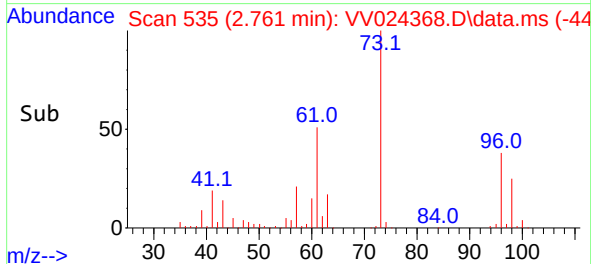


#17
trans-1,2-Dichloroethene
Concen: 48.482 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

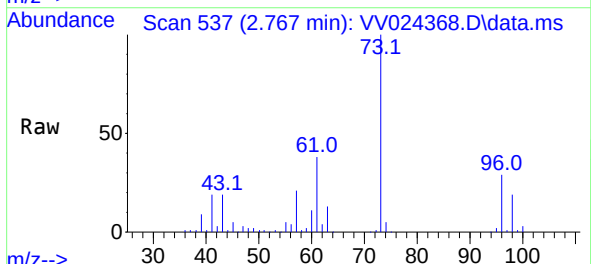
Instrument :
MSVOA_V
ClientSampleId :



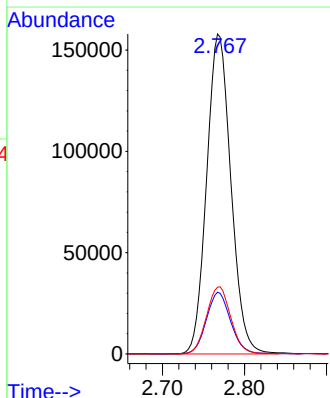
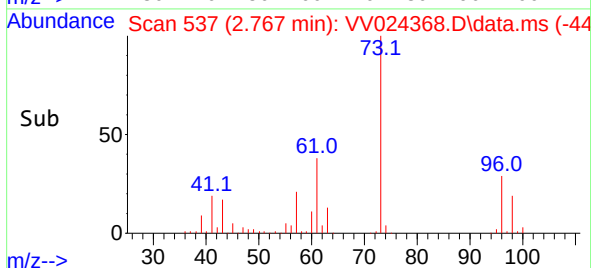
Tgt Ion: 96 Resp: 90402
Ion Ratio Lower Upper
96 100
61 134.7 88.1 163.7
98 64.2 45.0 83.6

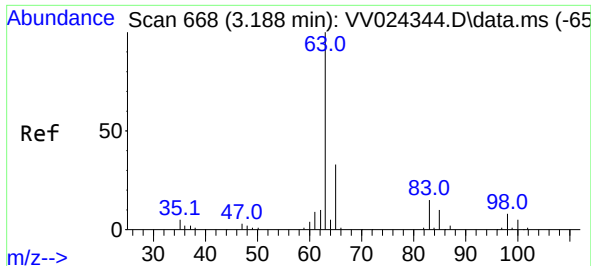


#18
Methyl tert-butyl Ether
Concen: 56.477 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.000 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25



Tgt Ion: 73 Resp: 324561
Ion Ratio Lower Upper
73 100
43 19.1 16.2 24.2
57 21.1 15.9 23.9

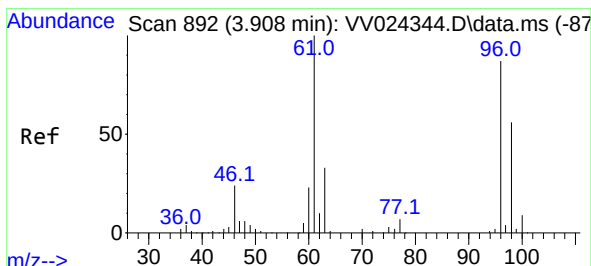
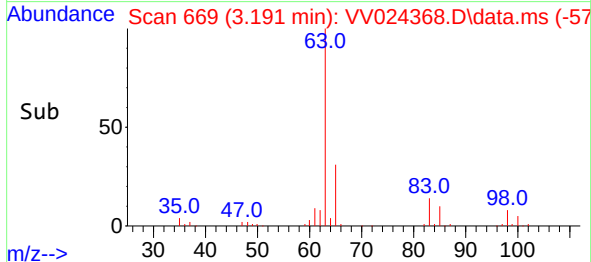
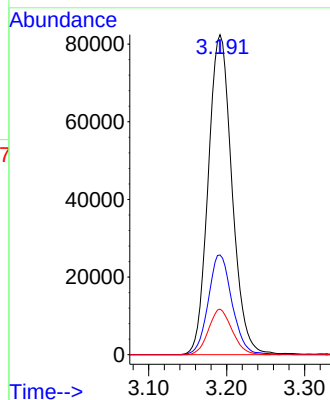
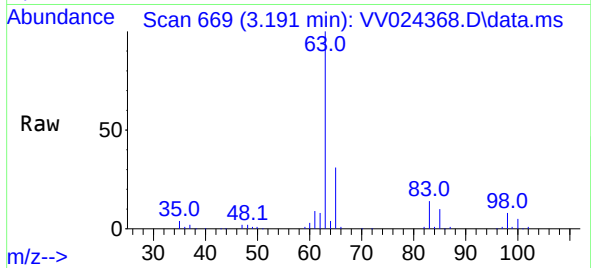




#19
1,1-Dichloroethane
Concen: 56.422 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

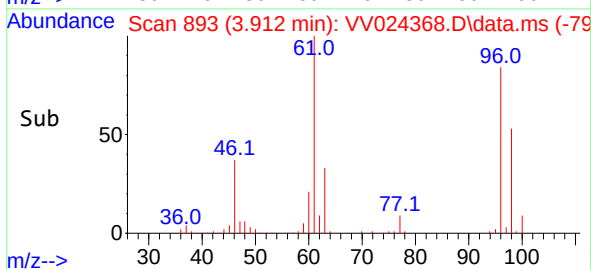
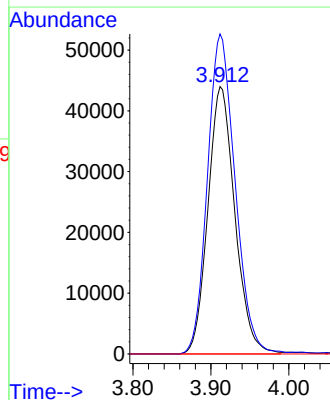
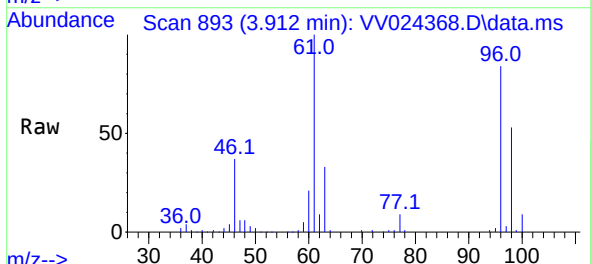
Instrument :
MSVOA_V
ClientSampleId :

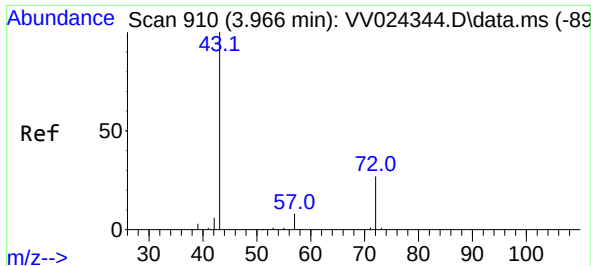
Tgt Ion: 63 Resp: 174501
Ion Ratio Lower Upper
63 100
65 31.2 22.4 41.6
83 14.3 10.6 19.6



#20
cis-1,2-Dichloroethene
Concen: 53.116 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

Tgt Ion: 96 Resp: 105776
Ion Ratio Lower Upper
96 100
61 119.7 82.9 153.9
68 0.0 0.0 0.0

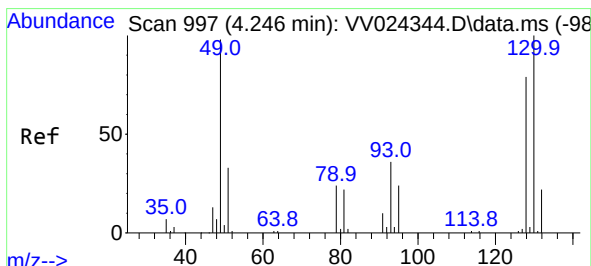
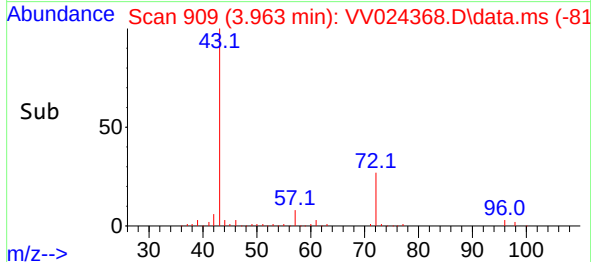
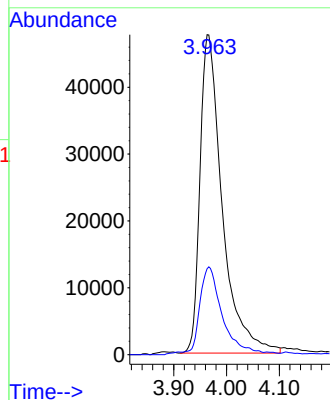
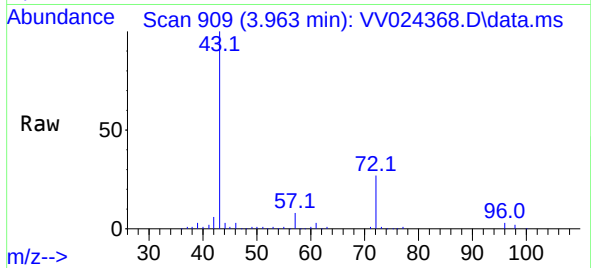




#22
2-Butanone
Concen: 111.363 ug/L
RT: 3.963 min Scan# 909
Delta R.T. -0.006 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

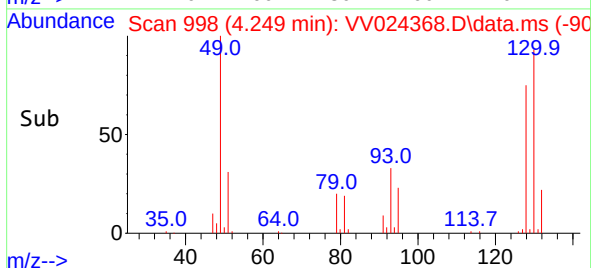
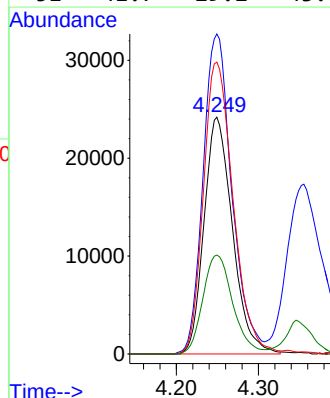
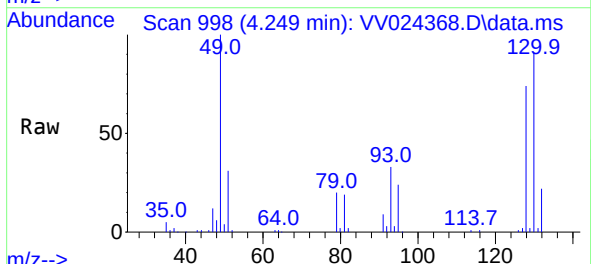
Instrument :
MSVOA_V
ClientSampleId :

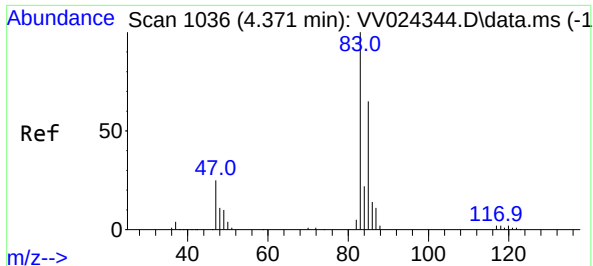
Tgt Ion: 43 Resp: 139125
Ion Ratio Lower Upper
43 100
72 25.3 14.9 44.9



#23
Bromochloromethane
Concen: 50.744 ug/L
RT: 4.249 min Scan# 998
Delta R.T. 0.006 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

Tgt Ion:128 Resp: 58227
Ion Ratio Lower Upper
128 100
49 135.2 83.1 154.3
130 123.3 87.0 161.6
51 41.7 29.2 43.8





#25

Chloroform

Concen: 61.214 ug/L

RT: 4.375 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV024368.D

Acq: 14 Jan 2022 18:25

Instrument :

MSVOA_V

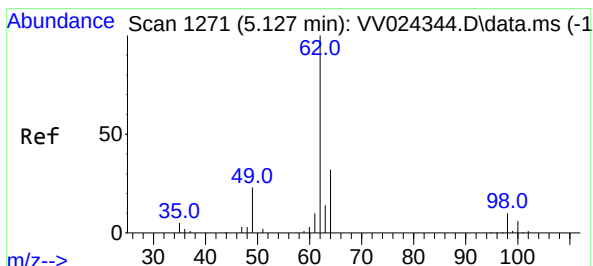
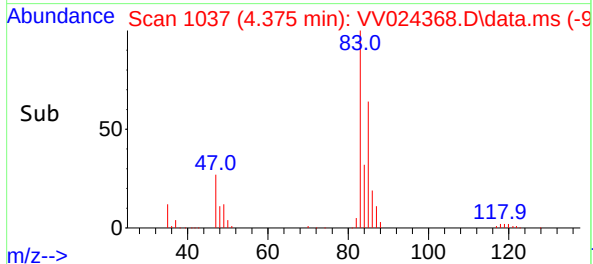
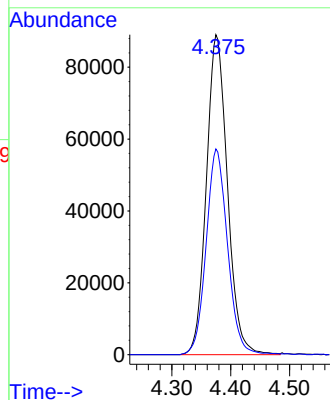
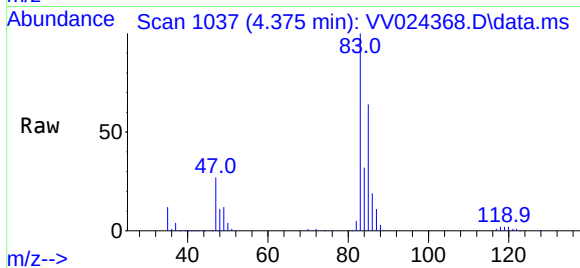
ClientSampleId :

Tgt Ion: 83 Resp: 221354

Ion Ratio Lower Upper

83 100

85 64.3 46.3 85.9



#27

1,2-Dichloroethane

Concen: 49.540 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.006 min

Lab File: VV024368.D

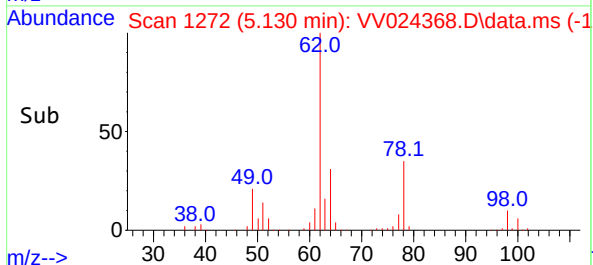
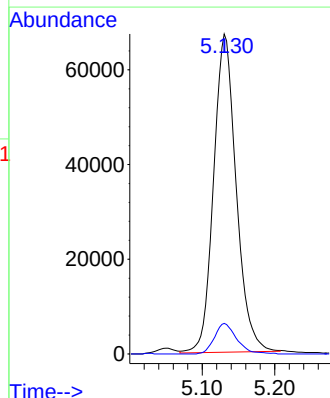
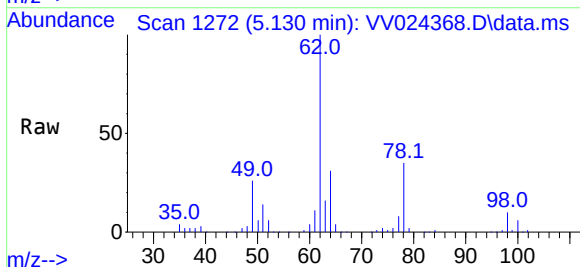
Acq: 14 Jan 2022 18:25

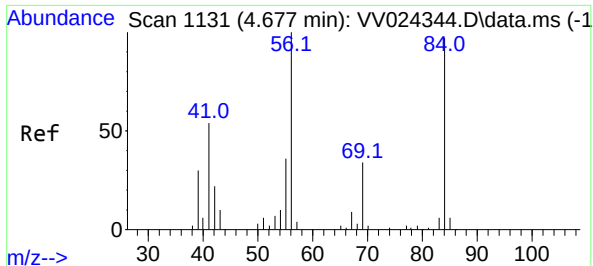
Tgt Ion: 62 Resp: 145705

Ion Ratio Lower Upper

62 100

98 9.5 7.1 10.7





#29

Cyclohexane

Concen: 53.446 ug/L

RT: 4.680 min Scan# 1131

Delta R.T. 0.003 min

Lab File: VV024368.D

Acq: 14 Jan 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

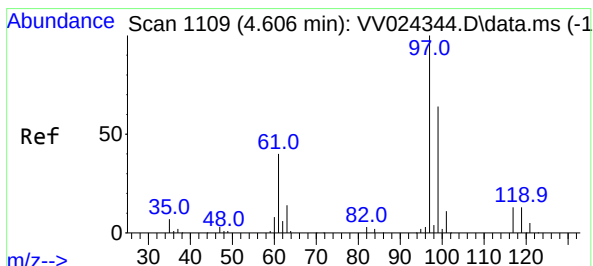
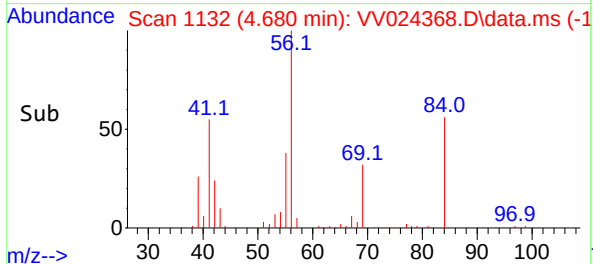
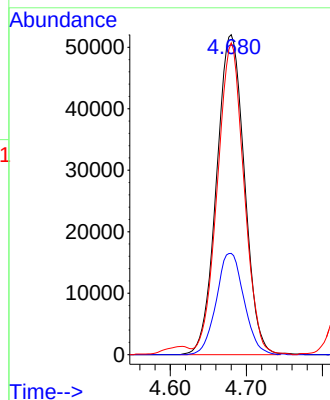
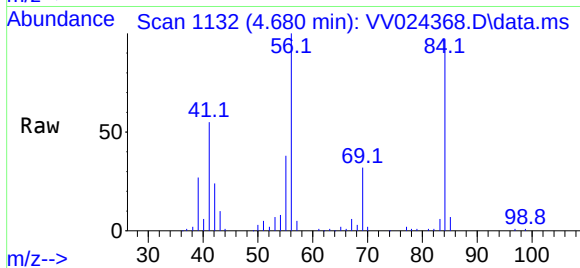
Tgt Ion: 56 Resp: 132354

Ion Ratio Lower Upper

56 100

69 31.4 25.8 38.6

84 93.4 79.1 118.7



#30

1,1,1-Trichloroethane

Concen: 50.947 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV024368.D

Acq: 14 Jan 2022 18:25

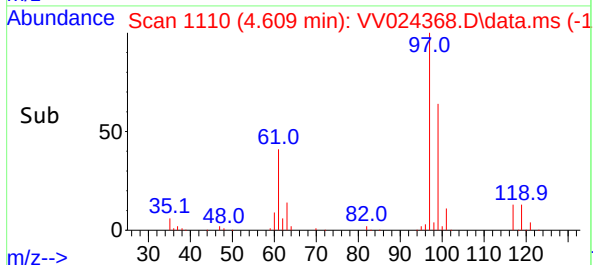
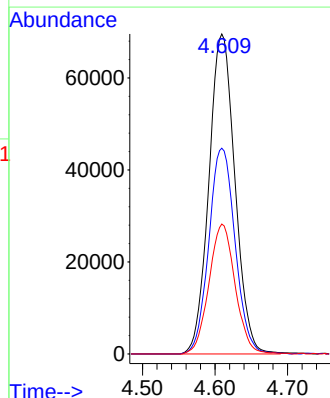
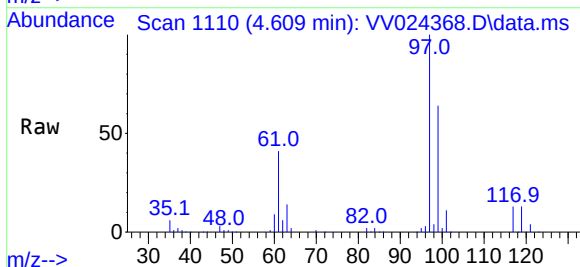
Tgt Ion: 97 Resp: 173658

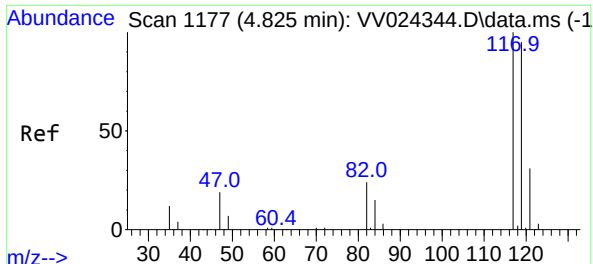
Ion Ratio Lower Upper

97 100

99 65.0 51.2 76.8

61 40.7 33.2 49.8

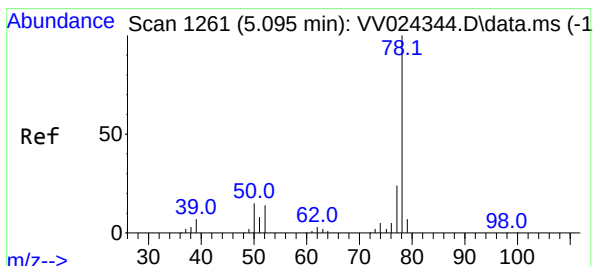
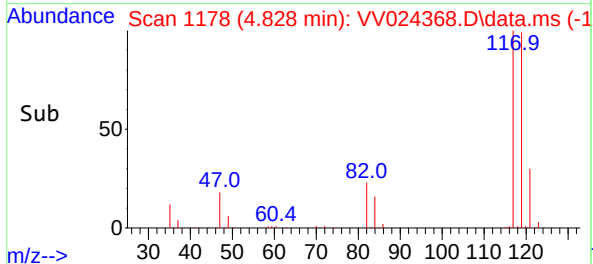
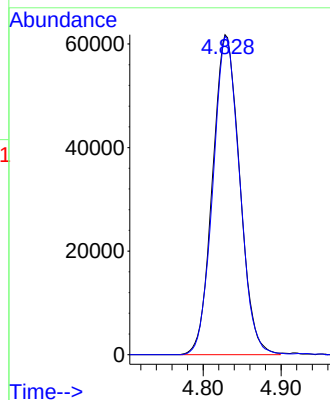
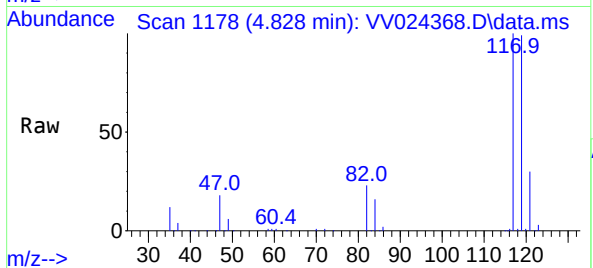




#31
Carbon tetrachloride
Concen: 47.187 ug/L
RT: 4.828 min Scan# 1177
Delta R.T. 0.003 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

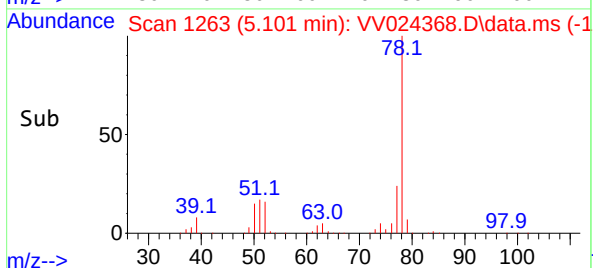
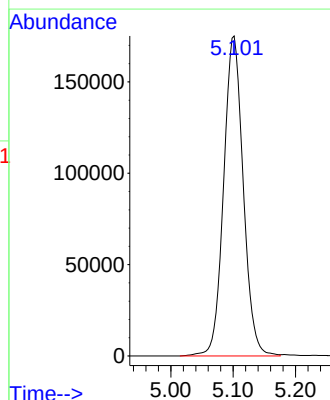
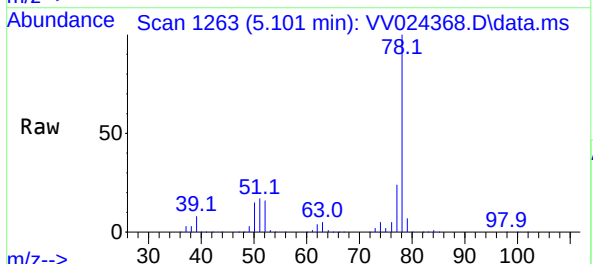
Instrument :
MSVOA_V
ClientSampleId :

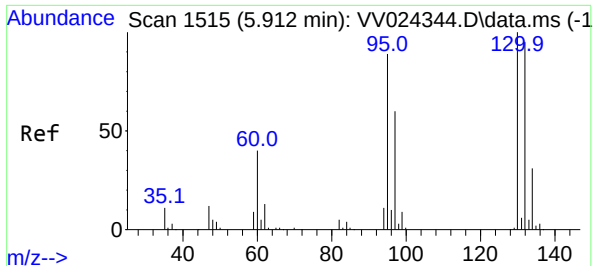
Tgt Ion:117 Resp: 149217
Ion Ratio Lower Upper
117 100
119 97.8 76.9 115.3



#33
Benzene
Concen: 54.323 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.006 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

Tgt Ion: 78 Resp: 382659

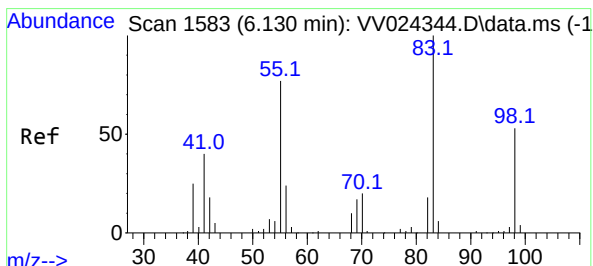
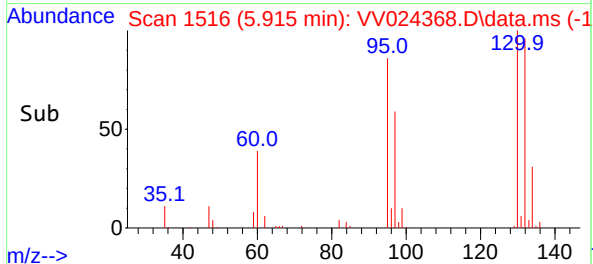
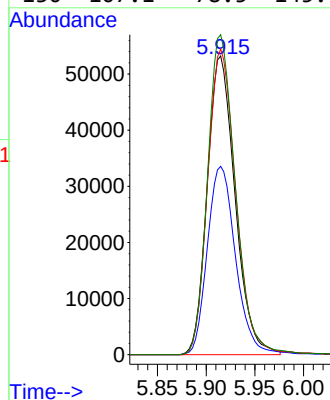
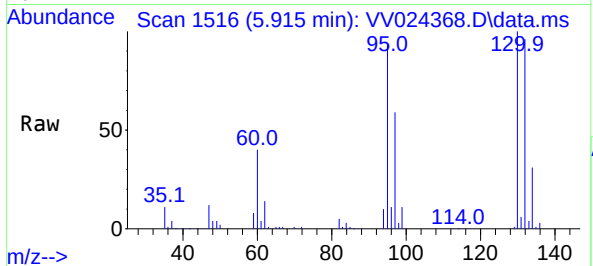




#34
Trichloroethene
Concen: 54.523 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

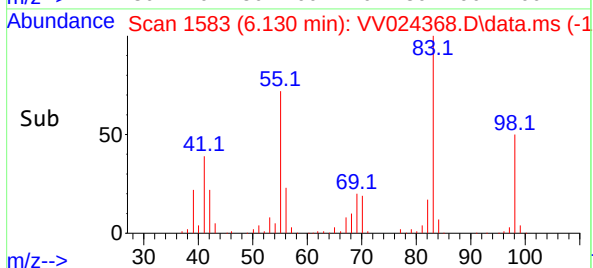
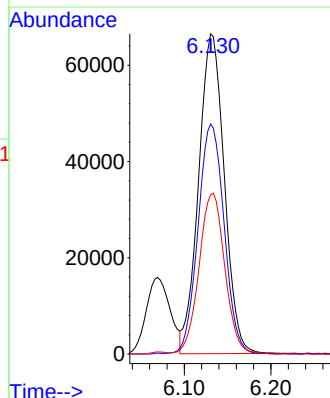
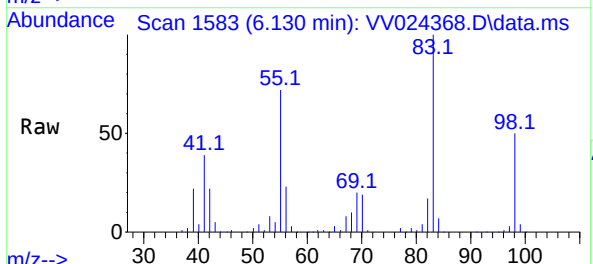
Instrument :
MSVOA_V
ClientSampleId :

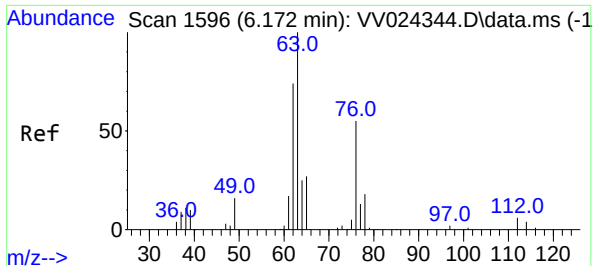
Tgt Ion: 95 Resp: 105911
Ion Ratio Lower Upper
95 100
97 63.0 44.1 81.9
132 102.3 75.1 139.5
130 107.1 78.5 145.7



#35
Methylcyclohexane
Concen: 47.520 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.003 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

Tgt Ion: 83 Resp: 136900
Ion Ratio Lower Upper
83 100
55 73.1 55.6 83.4
98 50.4 41.3 61.9

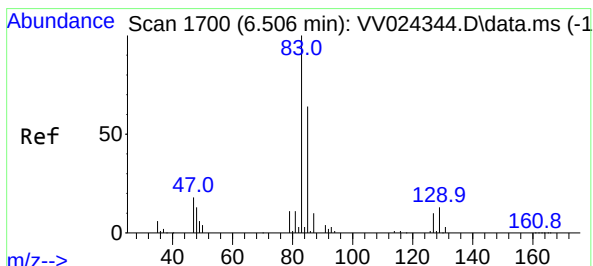
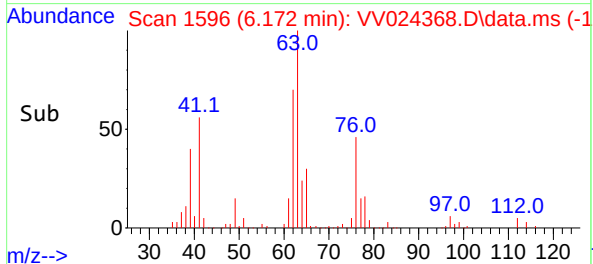
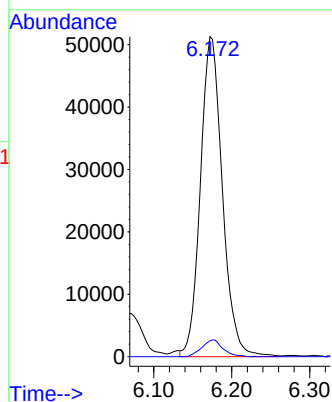
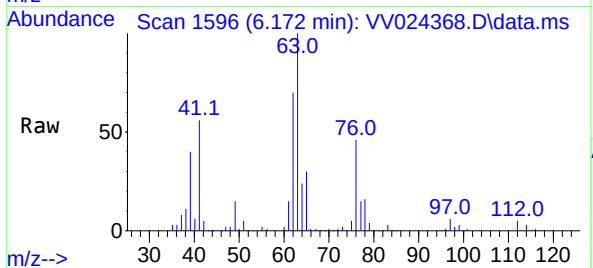




#37
1,2-Dichloropropane
Concen: 60.657 ug/L
RT: 6.172 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

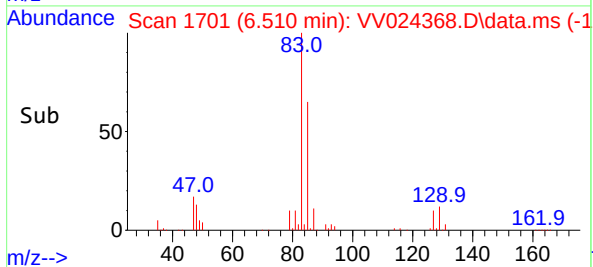
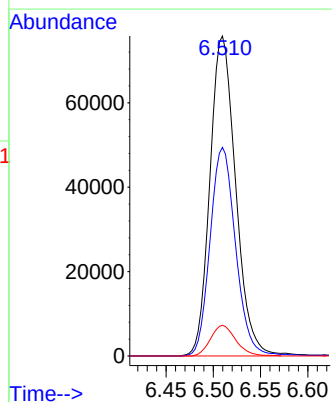
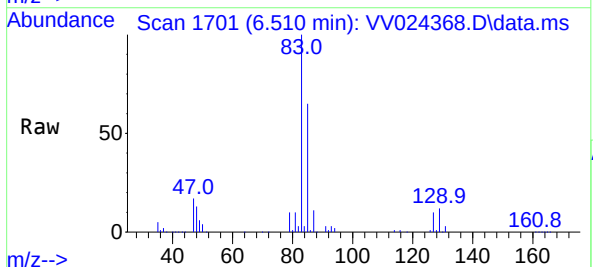
Instrument :
MSVOA_V
ClientSampleId :

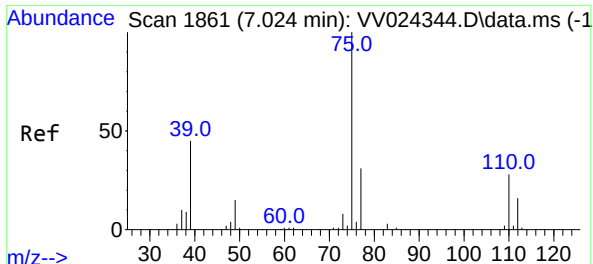
Tgt Ion: 63 Resp: 100499
Ion Ratio Lower Upper
63 100
112 5.0 4.7 7.1



#38
Bromodichloromethane
Concen: 55.206 ug/L
RT: 6.510 min Scan# 1701
Delta R.T. 0.003 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

Tgt Ion: 83 Resp: 143532
Ion Ratio Lower Upper
83 100
85 65.2 45.2 84.0
127 9.6 7.8 11.8





#39

cis-1,3-Dichloropropene

Concen: 58.169 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. 0.003 min

Lab File: VV024368.D

Acq: 14 Jan 2022 18:25

Instrument :

MSVOA_V

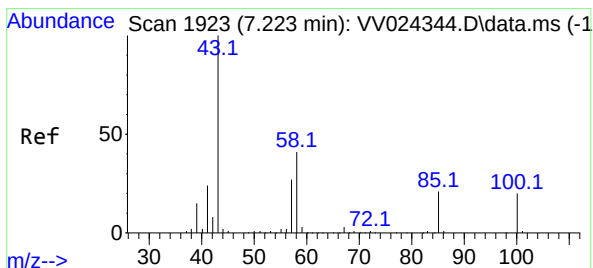
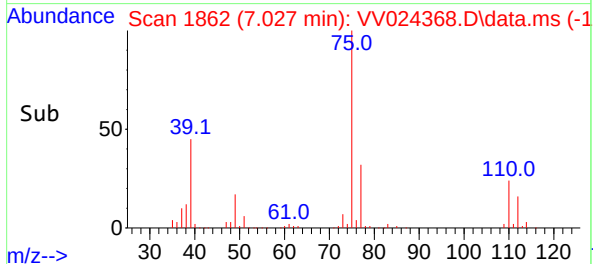
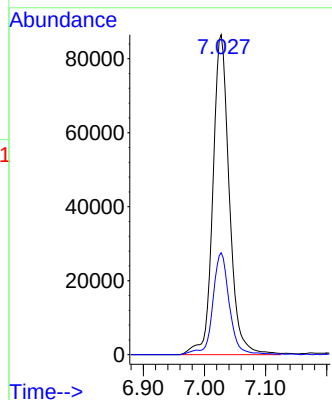
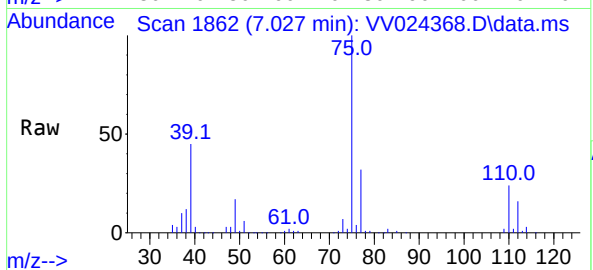
ClientSampleId :

Tgt Ion: 75 Resp: 162010

Ion Ratio Lower Upper

75 100

77 31.9 23.0 42.8



#40

4-Methyl-2-pentanone

Concen: 128.334 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV024368.D

Acq: 14 Jan 2022 18:25

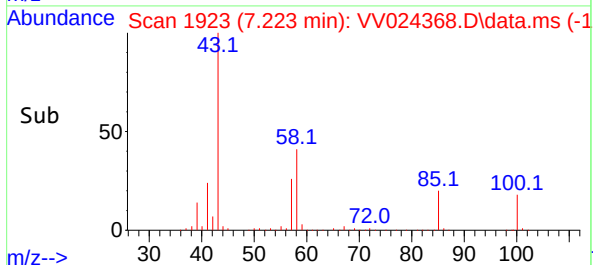
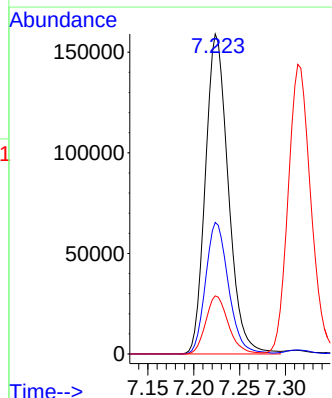
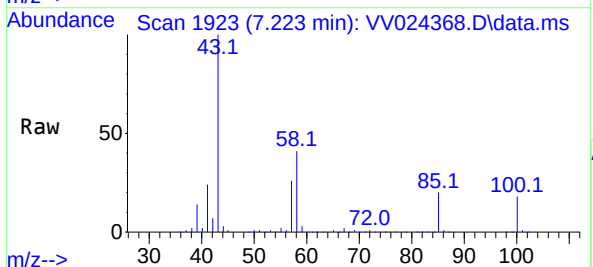
Tgt Ion: 43 Resp: 277266

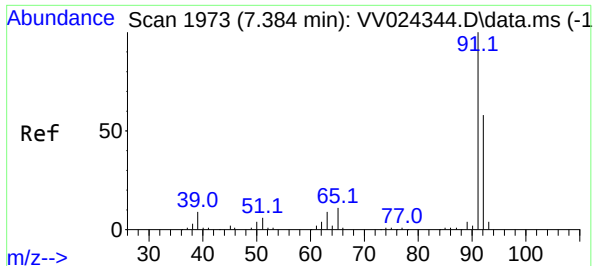
Ion Ratio Lower Upper

43 100

58 41.1 33.0 49.4

100 17.9 16.0 24.0





#42

Toluene

Concen: 54.045 ug/L

RT: 7.387 min Scan# 1973

Delta R.T. 0.003 min

Lab File: VV024368.D

Acq: 14 Jan 2022 18:25

Instrument :

MSVOA_V

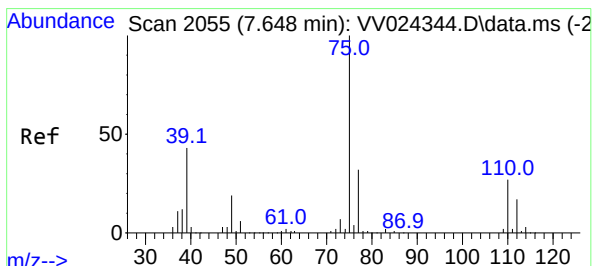
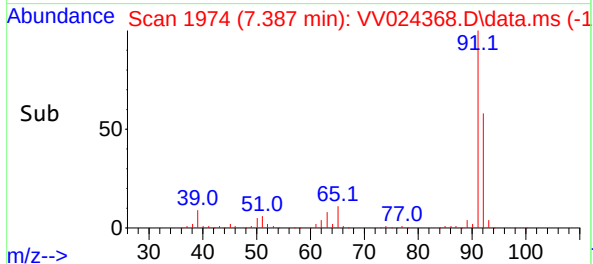
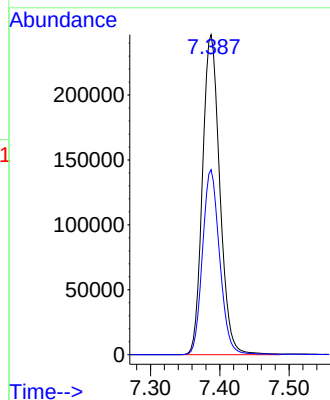
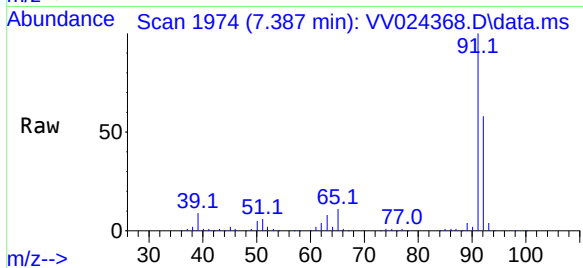
ClientSampleId :

Tgt Ion: 91 Resp: 427346

Ion Ratio Lower Upper

91 100

92 57.8 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 55.545 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.003 min

Lab File: VV024368.D

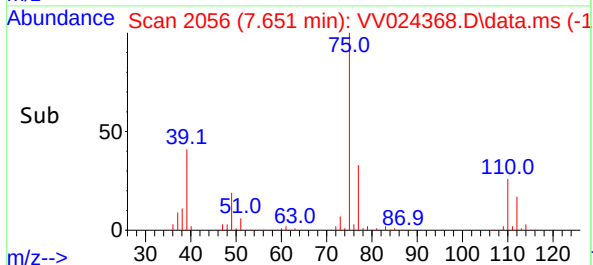
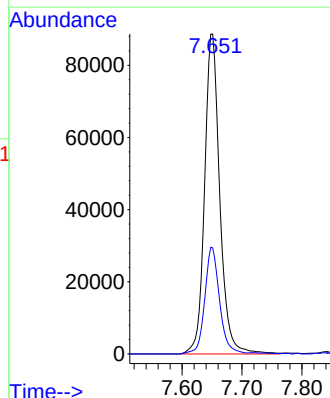
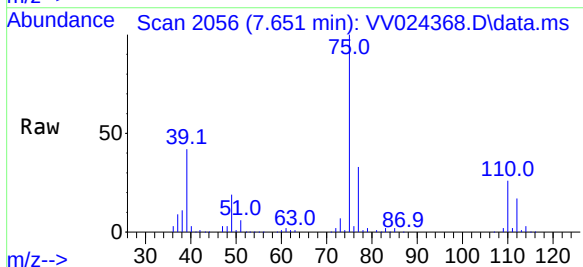
Acq: 14 Jan 2022 18:25

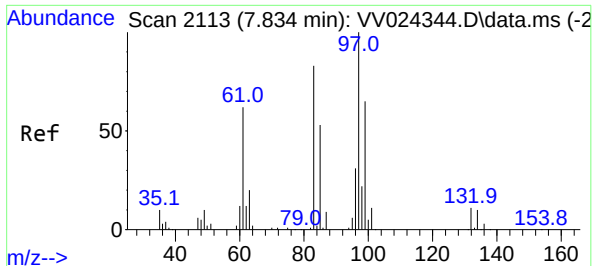
Tgt Ion: 75 Resp: 156928

Ion Ratio Lower Upper

75 100

77 33.2 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 55.766 ug/L

RT: 7.838 min Scan# 2113

Delta R.T. 0.003 min

Lab File: VV024368.D

Acq: 14 Jan 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 97 Resp: 103580

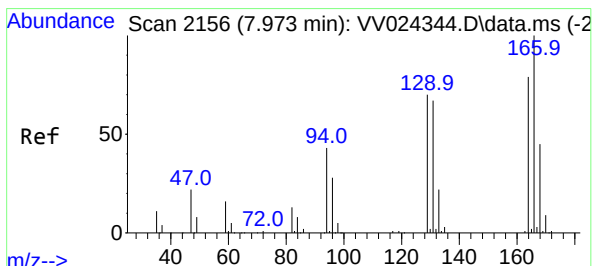
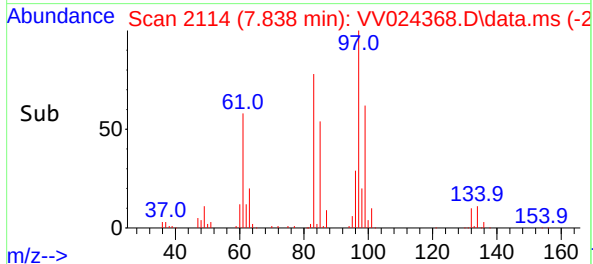
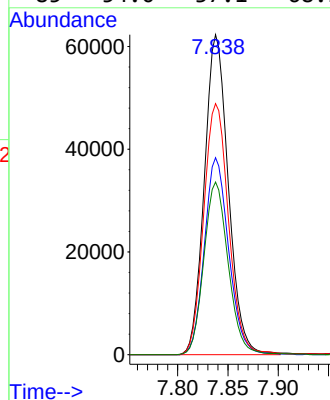
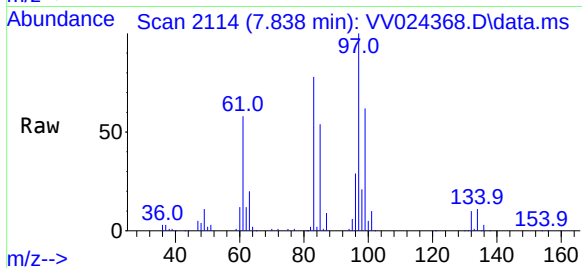
Ion Ratio Lower Upper

97 100

99 61.6 42.4 78.8

83 78.4 57.9 107.5

85 54.0 37.1 68.9



#46

Tetrachloroethene

Concen: 48.227 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV024368.D

Acq: 14 Jan 2022 18:25

Tgt Ion:164 Resp: 85266

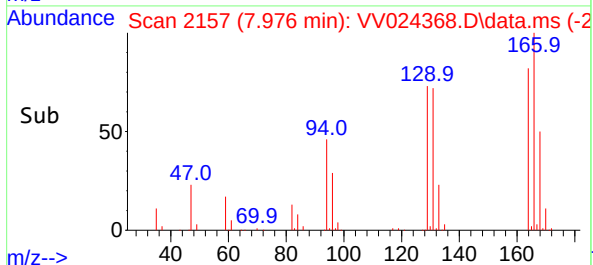
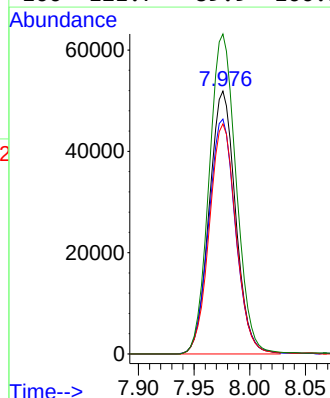
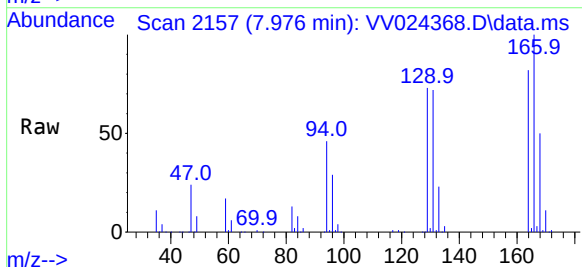
Ion Ratio Lower Upper

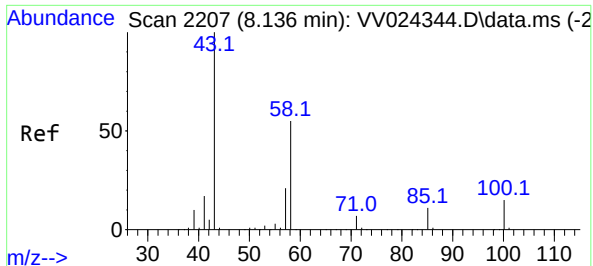
164 100

129 89.3 61.5 114.1

131 87.5 62.2 115.4

166 121.7 89.9 166.9





#48

2-Hexanone

Concen: 120.544 ug/L

RT: 8.137 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024368.D

Acq: 14 Jan 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 209181

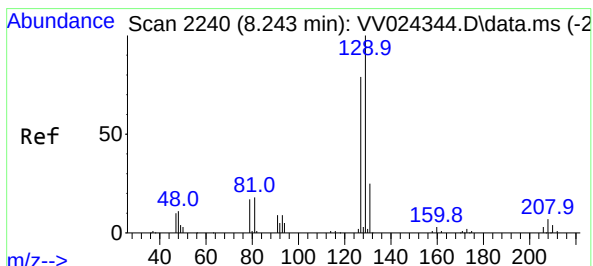
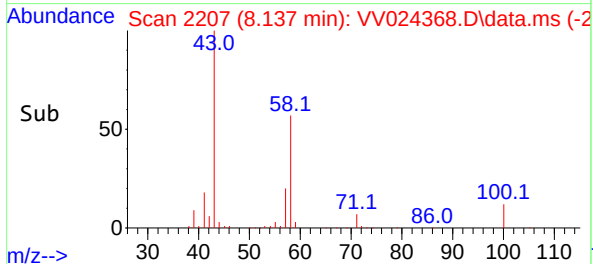
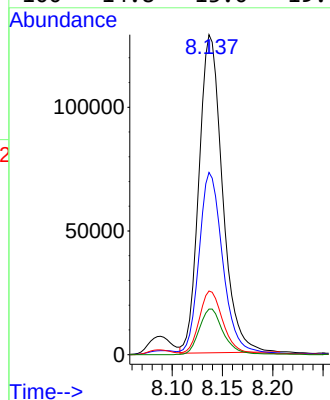
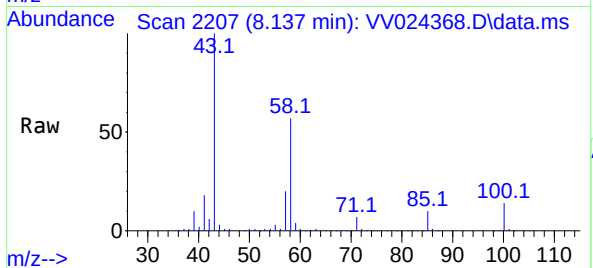
Ion Ratio Lower Upper

43 100

58 57.8 45.0 67.4

57 19.6 16.9 25.3

100 14.8 13.0 19.4



#49

Dibromochloromethane

Concen: 50.616 ug/L

RT: 8.246 min Scan# 2241

Delta R.T. 0.003 min

Lab File: VV024368.D

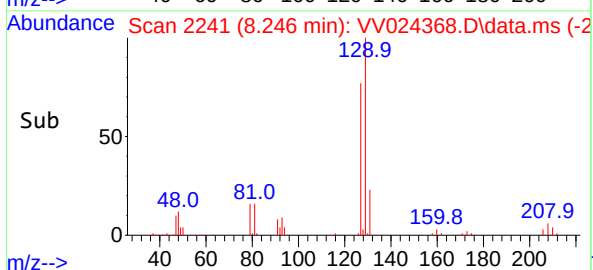
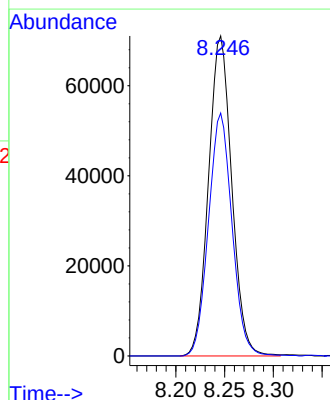
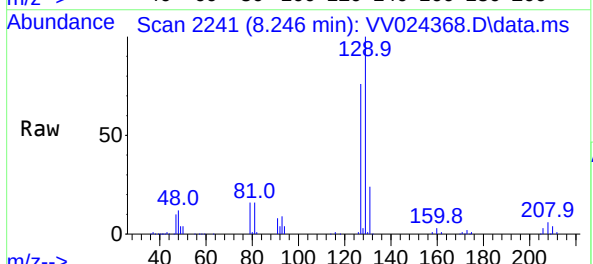
Acq: 14 Jan 2022 18:25

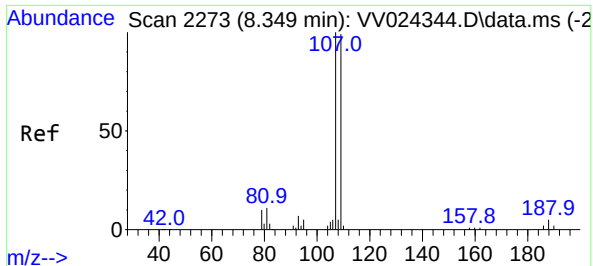
Tgt Ion:129 Resp: 117846

Ion Ratio Lower Upper

129 100

127 75.9 53.7 99.7





#50

1,2-Dibromoethane

Concen: 55.598 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024368.D

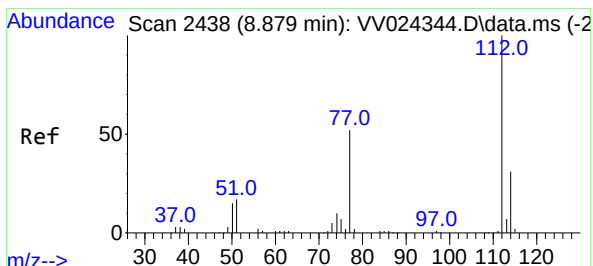
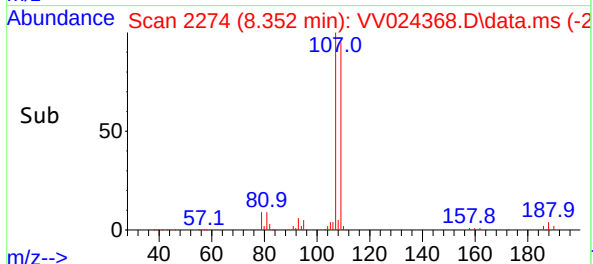
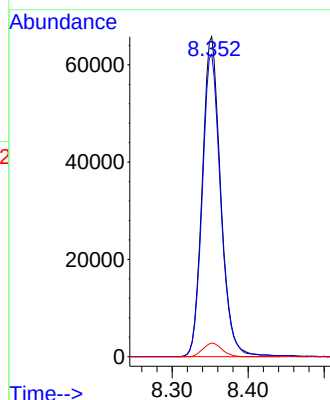
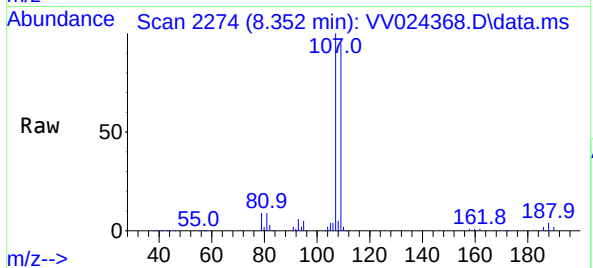
Acq: 14 Jan 2022 18:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:107	Resp:	110919
Ion Ratio	Lower	Upper
107	100	
109	94.5	65.8 122.2
188	4.3	3.8 5.6



#51

Chlorobenzene

Concen: 53.337 ug/L

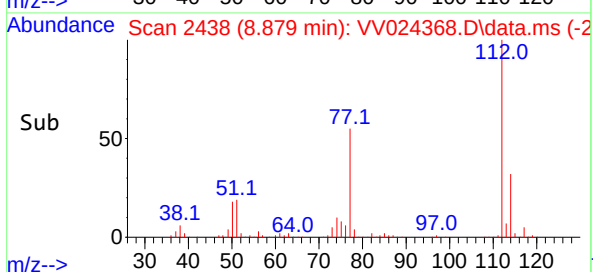
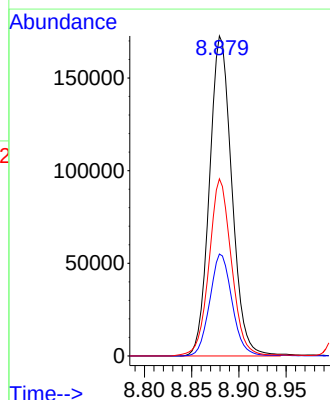
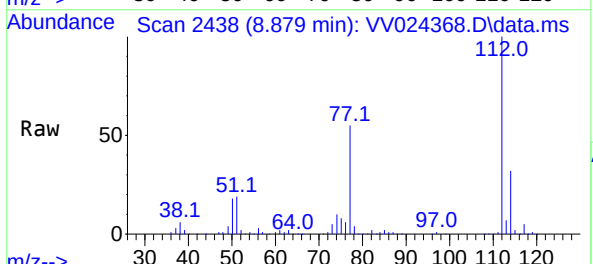
RT: 8.879 min Scan# 2438

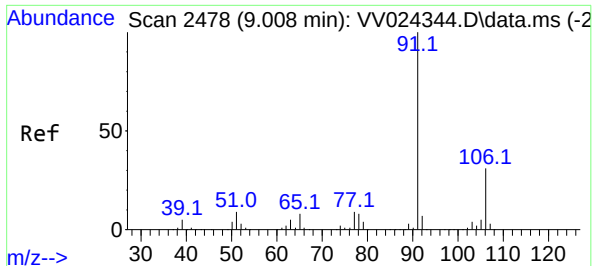
Delta R.T. 0.000 min

Lab File: VV024368.D

Acq: 14 Jan 2022 18:25

Tgt Ion:112	Resp:	284064
Ion Ratio	Lower	Upper
112	100	
114	31.9	22.3 41.5
77	55.3	42.8 64.2

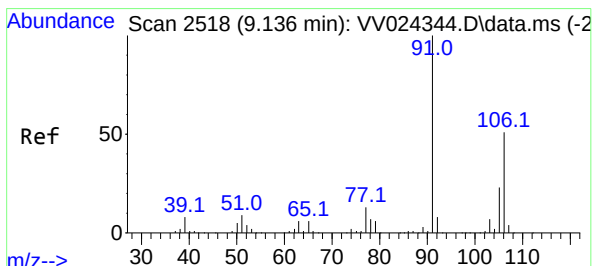
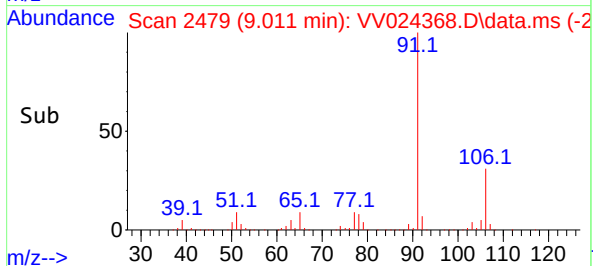
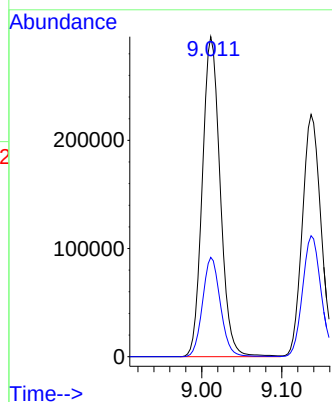
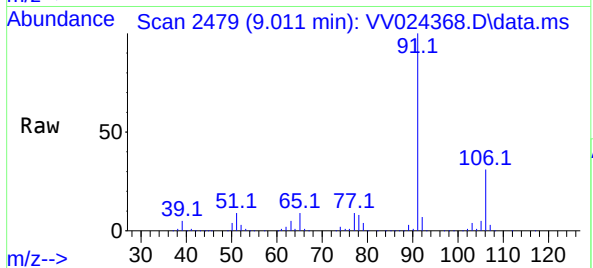




#52
Ethylbenzene
Concen: 54.491 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.000 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

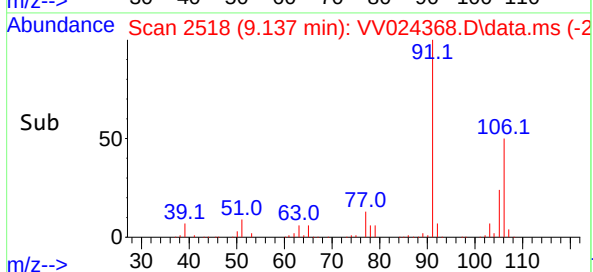
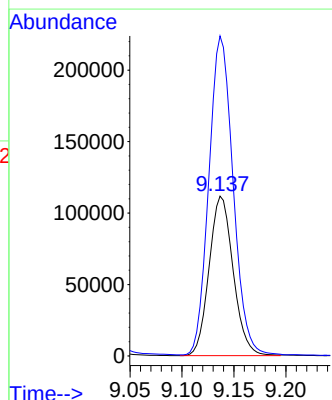
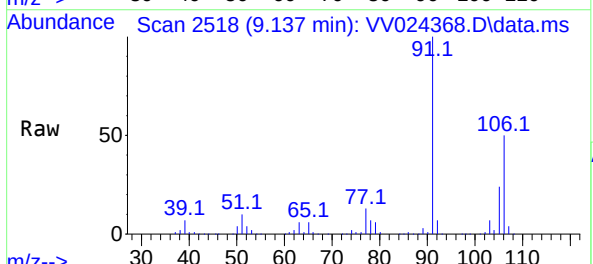
Instrument :
MSVOA_V
ClientSampleId :

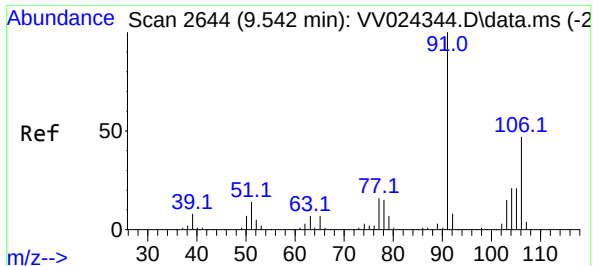
Tgt Ion: 91 Resp: 460312
Ion Ratio Lower Upper
91 100
106 31.1 22.0 41.0



#53
m,p-Xylene
Concen: 53.086 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

Tgt Ion: 106 Resp: 179752
Ion Ratio Lower Upper
106 100
91 200.2 141.8 263.4

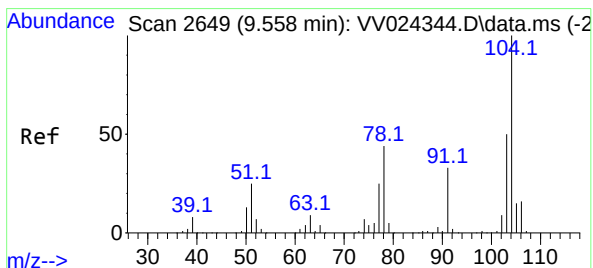
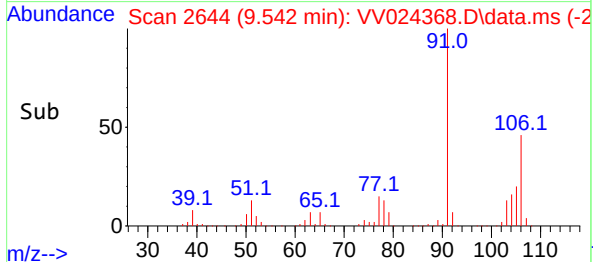
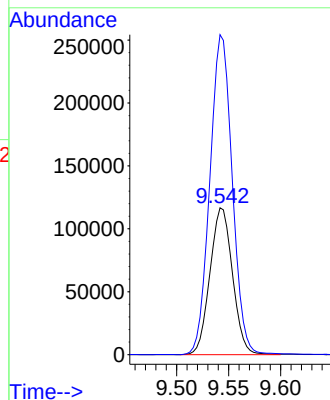
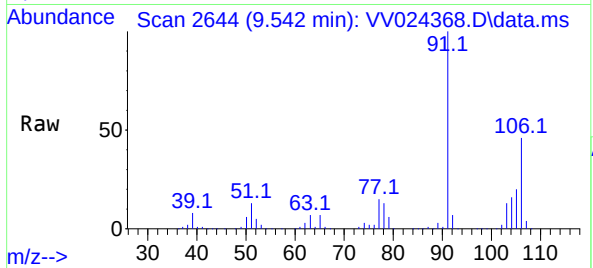




#54
o-Xylene
Concen: 54.480 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

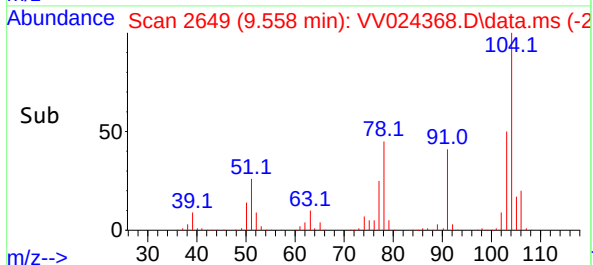
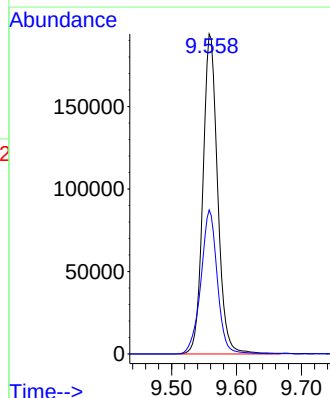
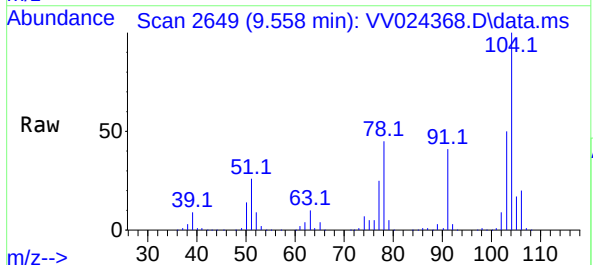
Instrument :
MSVOA_V
ClientSampleId :

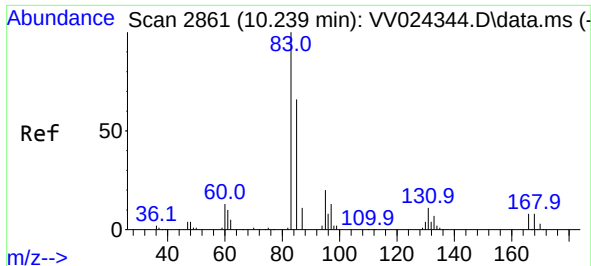
Tgt Ion:106 Resp: 176093
Ion Ratio Lower Upper
106 100
91 217.8 150.9 280.3



#55
Styrene
Concen: 54.611 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

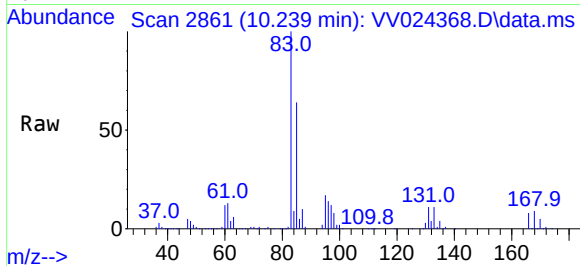
Tgt Ion:104 Resp: 306539
Ion Ratio Lower Upper
104 100
78 45.0 31.5 58.5



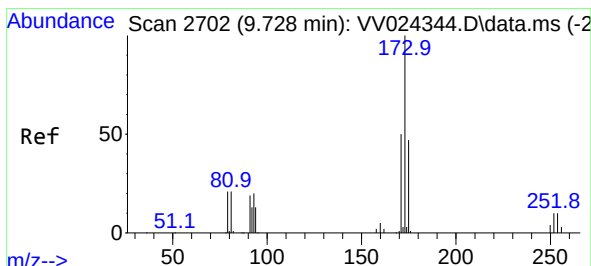
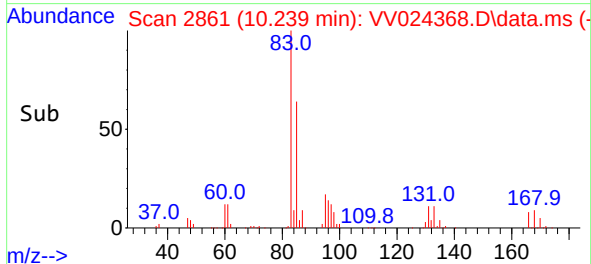
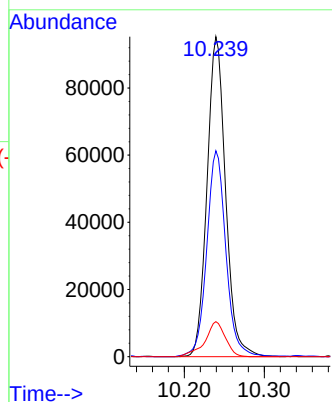


#57
1,1,2,2-Tetrachloroethane
Concen: 56.628 ug/L
RT: 10.239 min Scan# 2861
Delta R.T. 0.000 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

Instrument :
MSVOA_V
ClientSampleId :

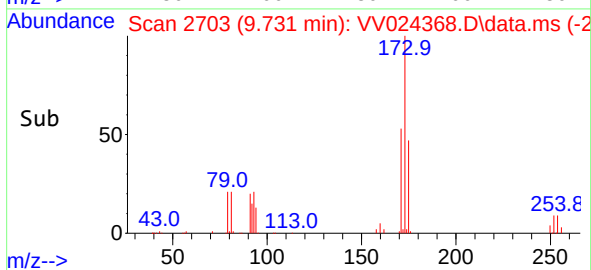
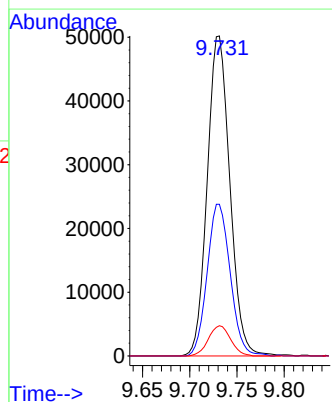
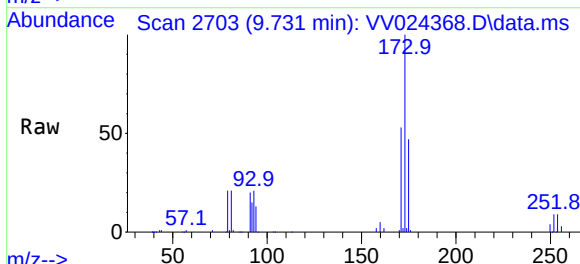


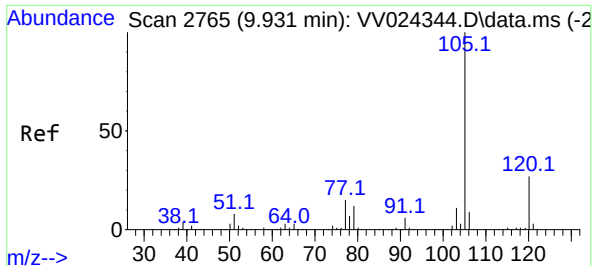
Tgt Ion: 83 Resp: 153585
Ion Ratio Lower Upper
83 100
85 64.4 44.5 82.7
131 10.9 9.2 13.8



#59
Bromoform
Concen: 49.814 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.003 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

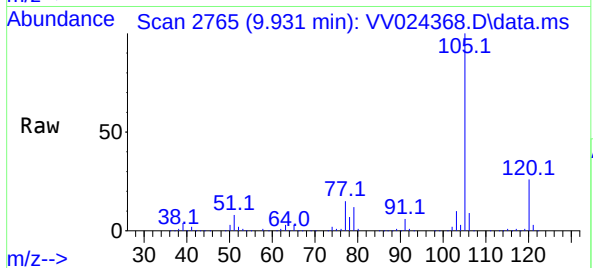
Tgt Ion: 173 Resp: 83614
Ion Ratio Lower Upper
173 100
175 48.2 39.4 59.2
254 9.3 7.8 11.6



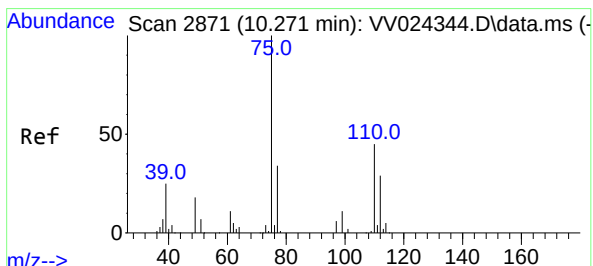
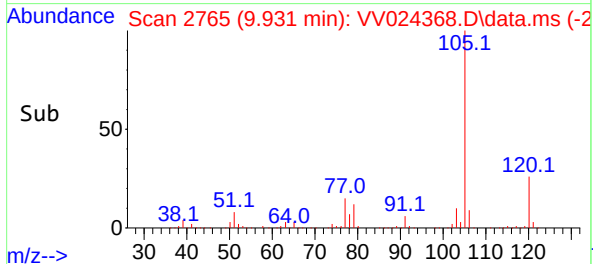
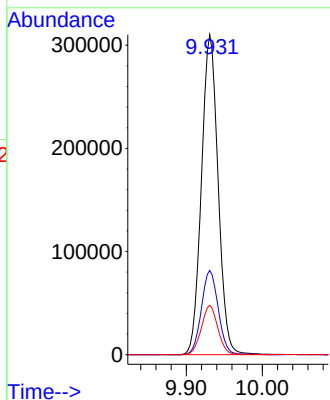


#60
Isopropylbenzene
Concen: 57.911 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

Instrument :
MSVOA_V
ClientSampleId :

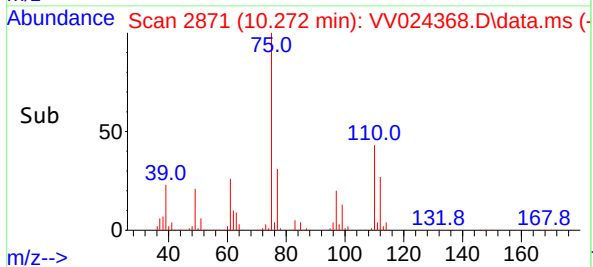
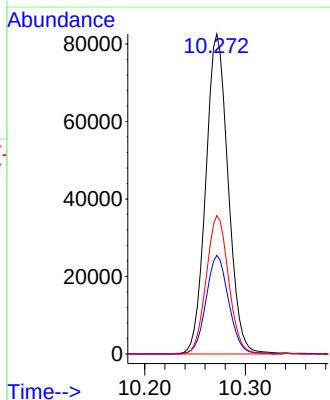
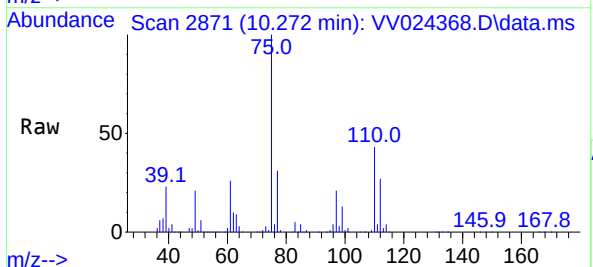


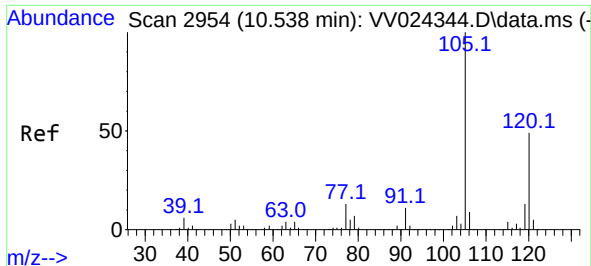
Tgt Ion:105 Resp: 471720
Ion Ratio Lower Upper
105 100
120 26.6 21.9 32.9
77 15.3 11.9 17.9



#61
1,2,3-Trichloropropane
Concen: 59.042 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

Tgt Ion: 75 Resp: 127620
Ion Ratio Lower Upper
75 100
77 31.3 26.9 40.3
110 43.3 37.1 55.7

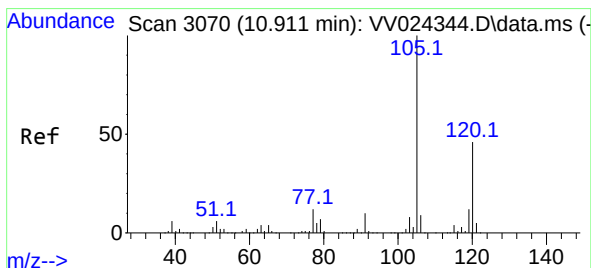
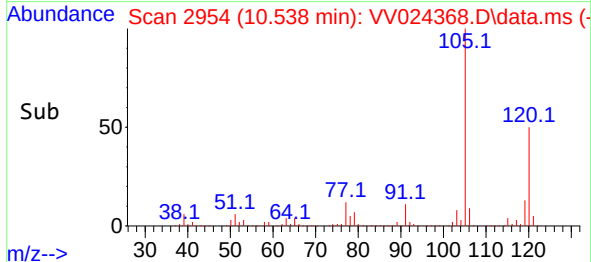
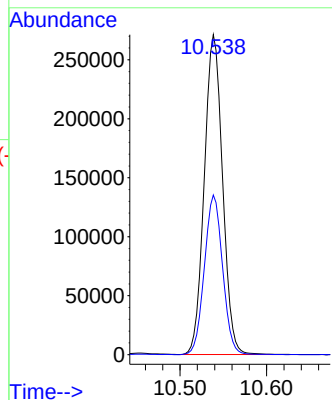
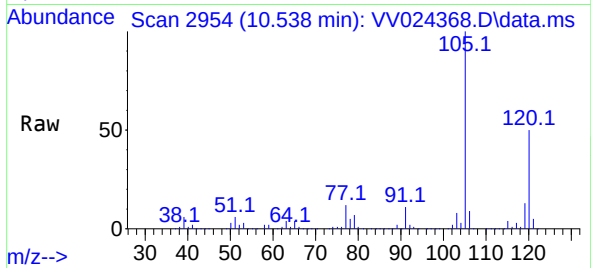




#62
1,3,5-Trimethylbenzene
Concen: 56.845 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

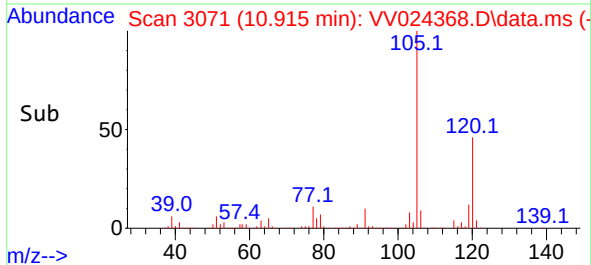
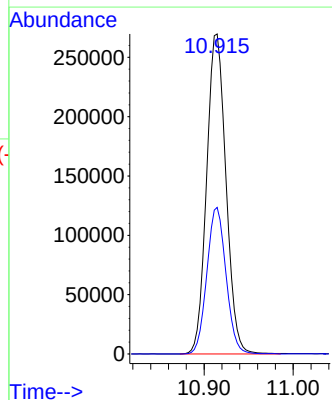
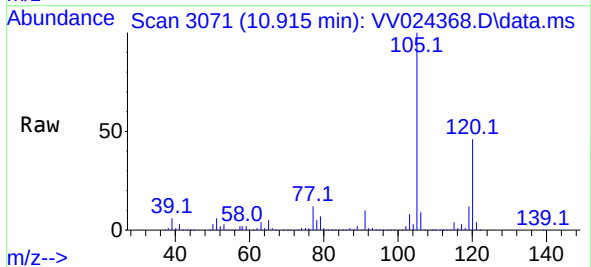
Instrument :
MSVOA_V
ClientSampleId :

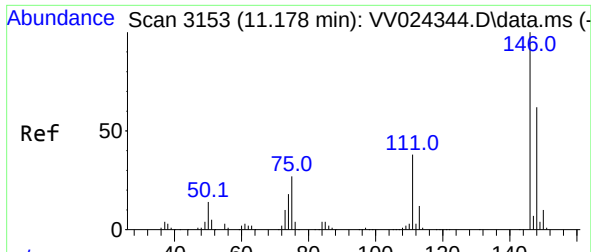
Tgt Ion:105 Resp: 398295
Ion Ratio Lower Upper
105 100
120 49.7 39.4 59.2



#63
1,2,4-Trimethylbenzene
Concen: 58.002 ug/L
RT: 10.915 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

Tgt Ion:105 Resp: 405730
Ion Ratio Lower Upper
105 100
120 45.3 36.6 55.0

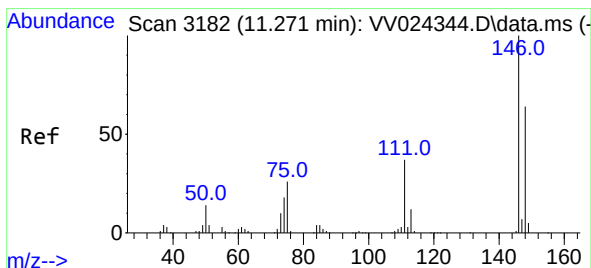
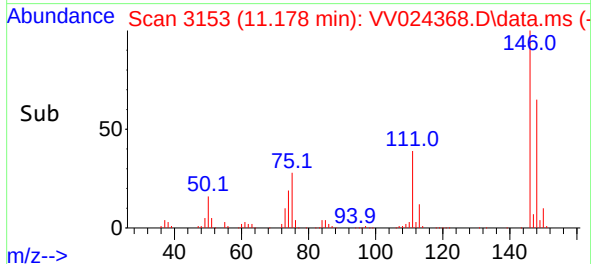
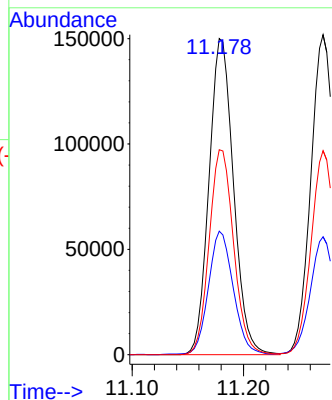
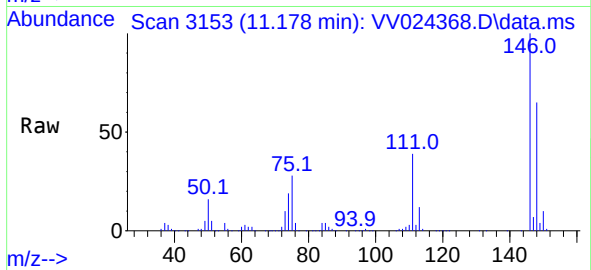




#64
1,3-Dichlorobenzene
Concen: 54.658 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

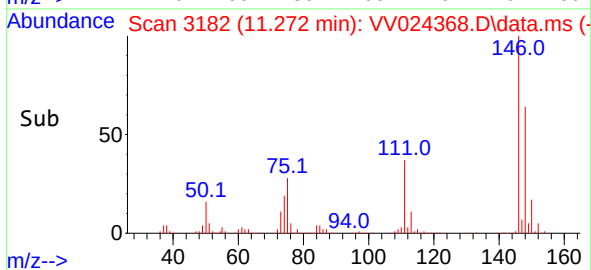
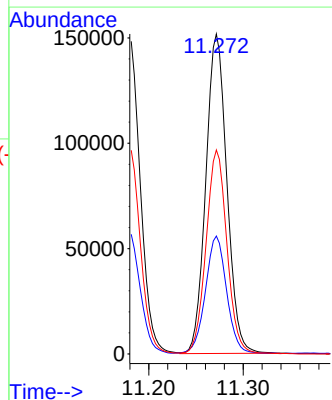
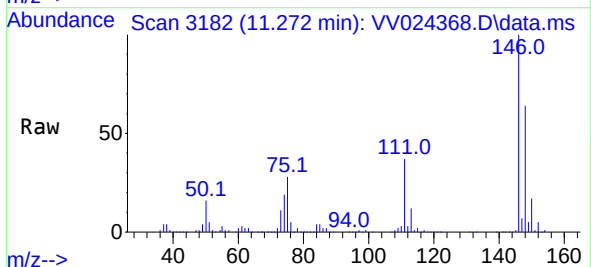
Instrument :
MSVOA_V
ClientSampleId :

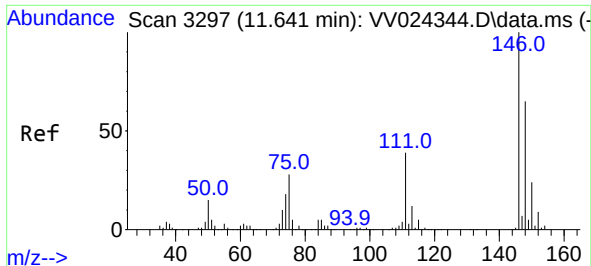
Tgt Ion:146 Resp: 229558
Ion Ratio Lower Upper
146 100
111 39.1 26.5 49.3
148 64.8 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 54.095 ug/L
RT: 11.272 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

Tgt Ion:146 Resp: 234299
Ion Ratio Lower Upper
146 100
111 36.9 26.5 49.3
148 63.8 44.9 83.5

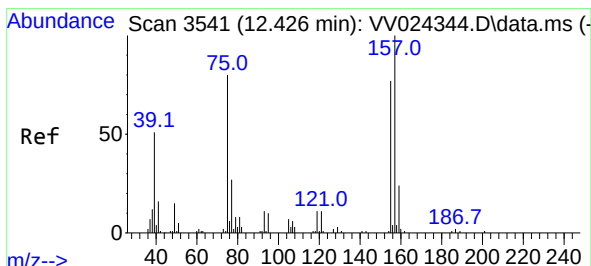
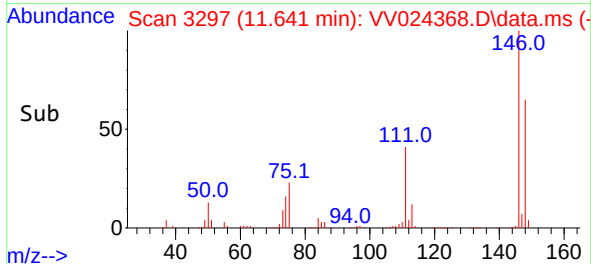
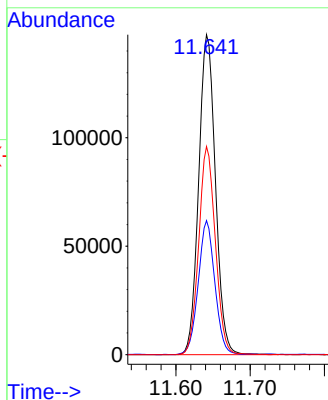
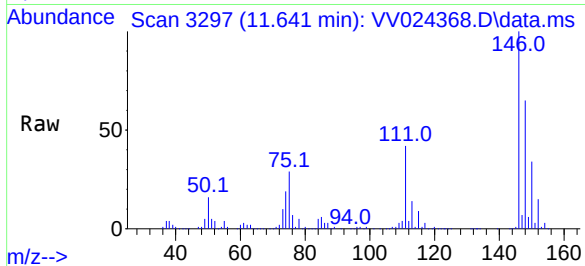




#67
1,2-Dichlorobenzene
Concen: 53.542 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. 0.000 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

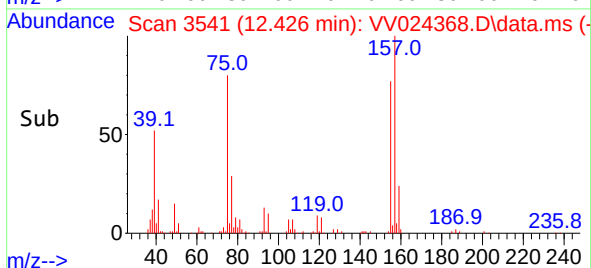
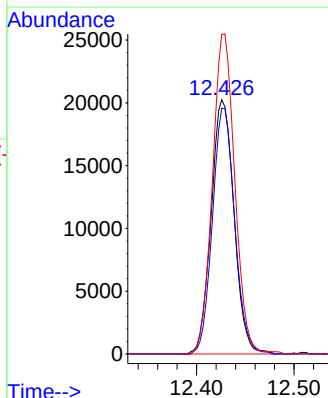
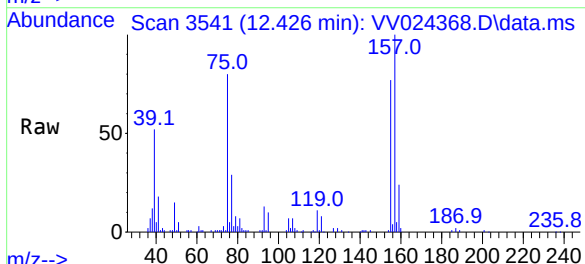
Instrument :
MSVOA_V
ClientSampleId :

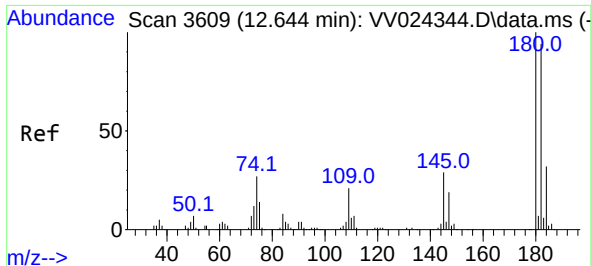
Tgt Ion:146 Resp: 231756
Ion Ratio Lower Upper
146 100
111 41.9 32.0 48.0
148 65.0 51.6 77.4



#68
1,2-Dibromo-3-chloropropane
Concen: 52.949 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. 0.000 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

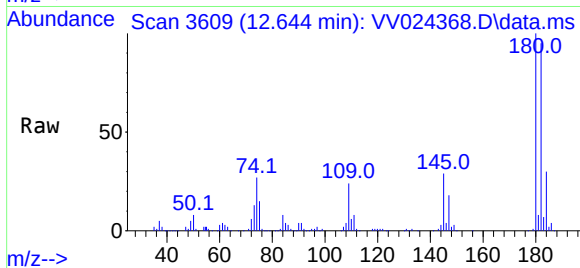
Tgt Ion: 75 Resp: 32963
Ion Ratio Lower Upper
75 100
155 96.6 73.2 109.8
157 125.7 98.5 147.7



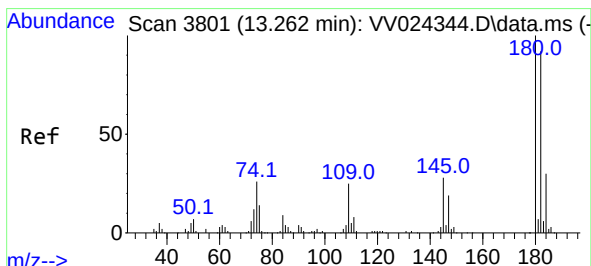
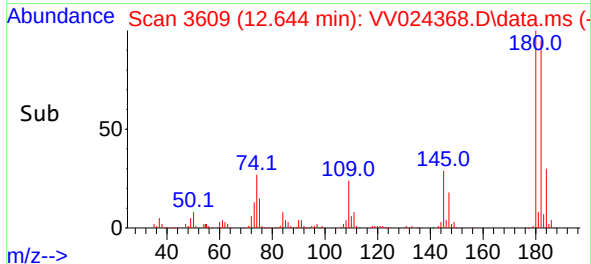
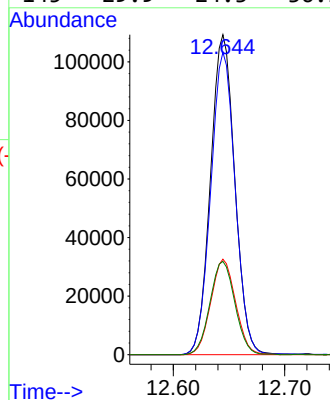


#69
 1,3,5-Trichlorobenzene
 Concen: 51.192 ug/L
 RT: 12.644 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VV024368.D
 Acq: 14 Jan 2022 18:25

Instrument :
 MSVOA_V
 ClientSampleId :

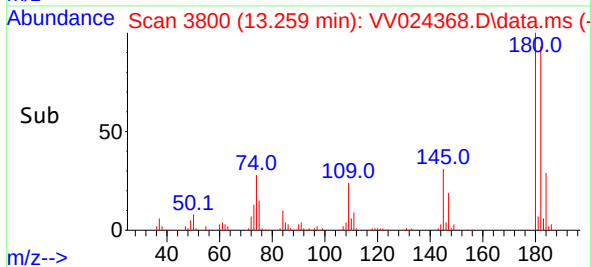
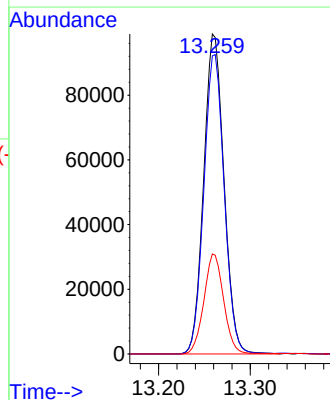
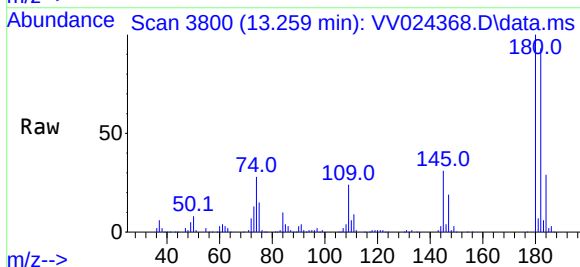


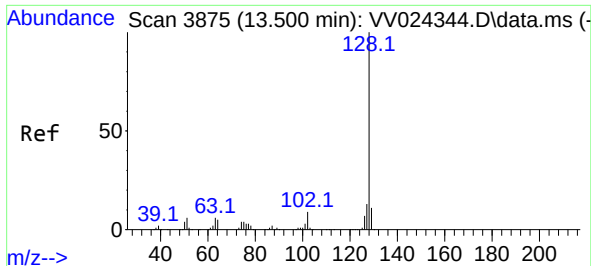
Tgt Ion:180 Resp: 165377
 Ion Ratio Lower Upper
 180 100
 182 95.3 75.4 113.2
 184 30.5 24.7 37.1
 145 29.9 24.3 36.5



#70
 1,2,4-trichlorobenzene
 Concen: 54.968 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. -0.003 min
 Lab File: VV024368.D
 Acq: 14 Jan 2022 18:25

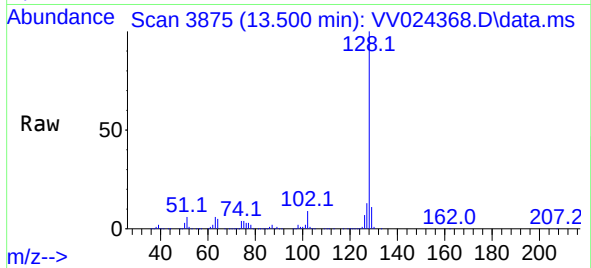
Tgt Ion:180 Resp: 151868
 Ion Ratio Lower Upper
 180 100
 182 94.2 75.6 113.4
 145 30.4 23.9 35.9



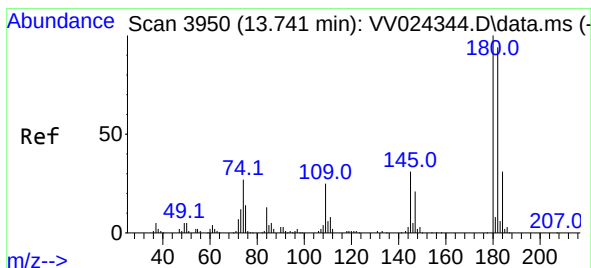
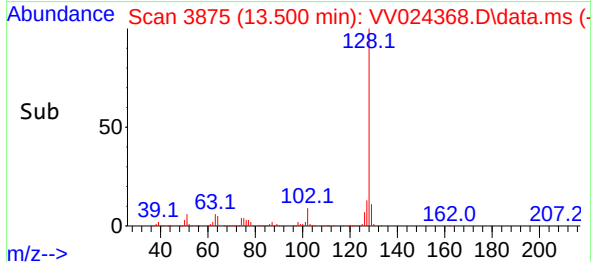
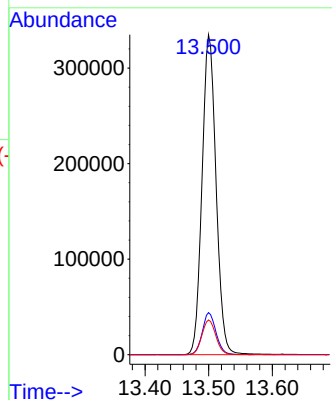


#71
Naphthalene
Concen: 64.105 ug/L
RT: 13.500 min Scan# 3911
Delta R.T. 0.000 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:128 Resp: 512415
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 52.790 ug/L
RT: 13.744 min Scan# 3951
Delta R.T. 0.000 min
Lab File: VV024368.D
Acq: 14 Jan 2022 18:25

Tgt Ion:180 Resp: 150738
Ion Ratio Lower Upper
180 100
182 97.3 76.1 114.1
145 33.6 25.0 37.4

