

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021722\
 Data File : VW024717.D
 Acq On : 17 Feb 2022 12:42
 Operator : SY/MD
 Sample : VSTD005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005216

Quant Time: Feb 18 07:07:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 18 07:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	177485	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	164433	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	77378	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	75263	5.015	ug/L	0.00
7) Chloroethane-d5	1.568	69	62256	4.945	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	138847	4.389	ug/L	0.00
20) 2-Butanone-d5	3.892	46	112530	46.152	ug/L	0.00
24) Chloroform-d	4.349	84	116524	4.575	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	52845	4.580	ug/L	0.00
32) Benzene-d6	5.050	84	238591	5.134	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	69766	4.848	ug/L	0.00
41) Toluene-d8	7.314	98	222481	5.136	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	24031	4.276	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	95561	47.514	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41918	4.922	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	65602	5.237	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.131	85	85164	3.876	ug/L	100
3) Chloromethane	1.243	50	83815	3.851	ug/L	100
5) Vinyl chloride	1.311	62	93895	3.979	ug/L	100
6) Bromomethane	1.523	94	53805	3.754	ug/L	100
8) Chloroethane	1.587	64	57749	3.990	ug/L	100
9) Trichlorofluoromethane	1.754	101	123777	3.927	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	71285	4.030	ug/L	100
12) 1,1-Dichloroethene	2.121	96	67439	3.862	ug/L	100
13) Acetone	2.185	43	74213	38.533	ug/L	100
14) Carbon disulfide	2.298	76	189510	3.456	ug/L	100
15) Methyl Acetate	2.442	43	18787	3.419	ug/L	100
16) Methylene chloride	2.510	84	62983	3.634	ug/L	100
17) Methyl tert-butyl Ether	2.770	73	132081	3.708	ug/L	100
18) trans-1,2-Dichloroethene	2.764	96	65807	3.845	ug/L	100
19) 1,1-Dichloroethane	3.192	63	120177	4.057	ug/L	100
21) 2-Butanone	3.976	43	121638	39.370	ug/L	100
22) cis-1,2-Dichloroethene	3.912	96	69903	4.055	ug/L	100
23) Bromochloromethane	4.249	128	27007	4.112	ug/L	100
25) Chloroform	4.378	83	123936	4.002	ug/L	100
27) 1,2-Dichloroethane	5.134	62	67998	4.006	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	109130	4.253	ug/L	100
30) Cyclohexane	4.680	56	110691	4.191	ug/L	100
31) Carbon tetrachloride	4.831	117	90699	4.182	ug/L	100
33) Benzene	5.101	78	274310	4.451	ug/L	100
34) Trichloroethene	5.915	95	73019	4.333	ug/L	100
35) Methylcyclohexane	6.130	83	118120	4.264	ug/L	100
37) 1,2-Dichloropropane	6.172	63	64053	4.290	ug/L	100
38) Bromodichloromethane	6.510	83	83329	4.235	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	91587	4.099	ug/L	100
40) 4-Methyl-2-pentanone	7.224	43	317215	41.683	ug/L	100
42) Toluene	7.387	91	292521	4.364	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	73067	3.980	ug/L	100

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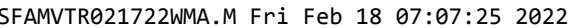
Instrument :
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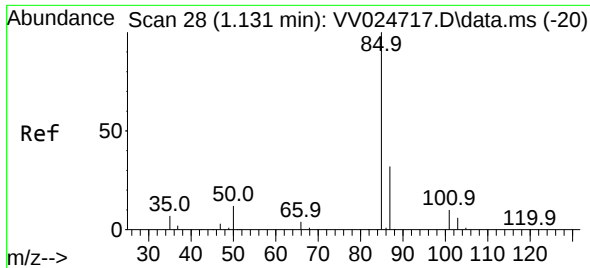
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.838	97	42132	4.363	ug/L	100
47) Tetrachloroethene	7.976	164	49298	4.376	ug/L	100
48) 2-Hexanone	8.137	43	224064	42.920	ug/L	100
49) Dibromochloromethane	8.246	129	46217	4.019	ug/L	100
50) 1,2-Dibromoethane	8.352	107	38814	4.303	ug/L	100
51) Chlorobenzene	8.879	112	178470	4.341	ug/L	100
52) Ethylbenzene	9.011	91	319241	4.298	ug/L	100
53) m,p-xylene	9.137	106	121343	4.317	ug/L	100
54) o-xylene	9.542	106	119015	4.363	ug/L	100
55) Styrene	9.558	104	196666	4.385	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	44194	4.492	ug/L	100
59) Bromoform	9.731	173	19338	4.118	ug/L	100
60) Isopropylbenzene	9.931	105	320040	4.686	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	34915	4.722	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	265795	4.558	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	267353	4.608	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	131476	4.709	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	131103	4.732	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	115883	4.679	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	6229	4.353	ug/L	100
69) 1,3,5-Trichlorobenzene	12.645	180	93821	4.734	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	74176	4.676	ug/L	100
71) Naphthalene	13.500	128	125383	4.408	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	62197	4.658	ug/L	100

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

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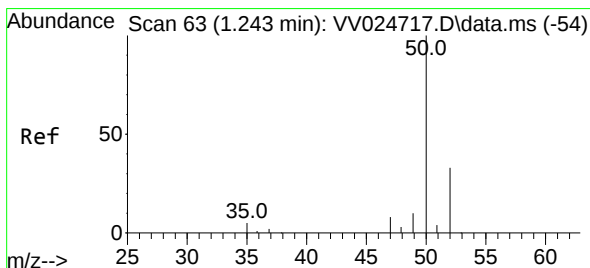
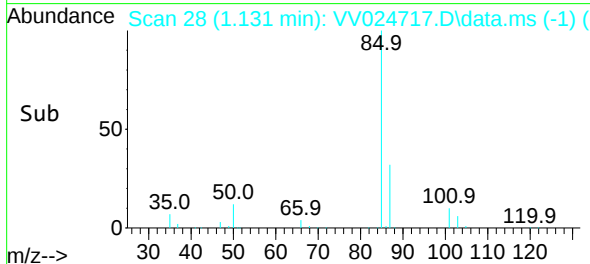
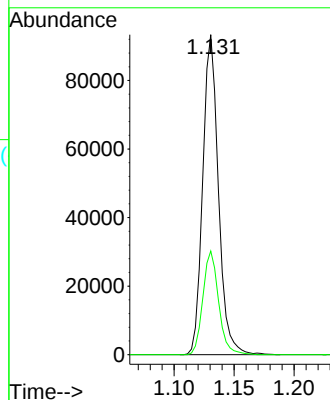
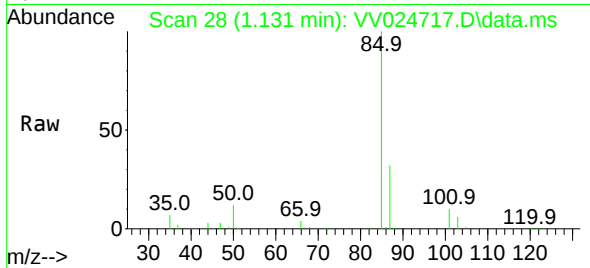




#2
 Dichlorodifluoromethane
 Concen: 3.876 ug/L
 RT: 1.131 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VV024717.D
 Acq: 17 Feb 2022 12:42

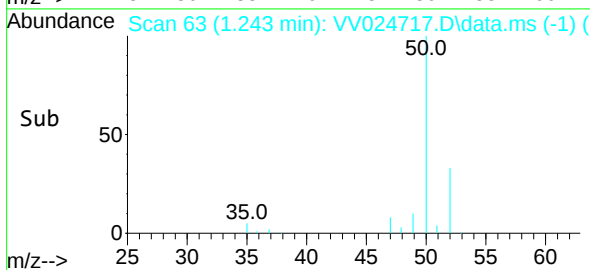
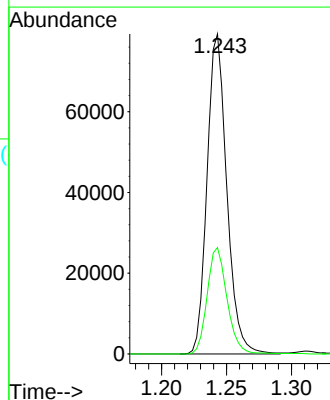
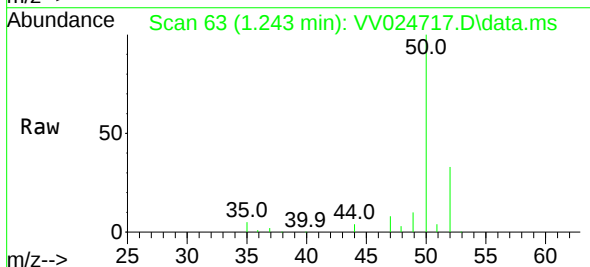
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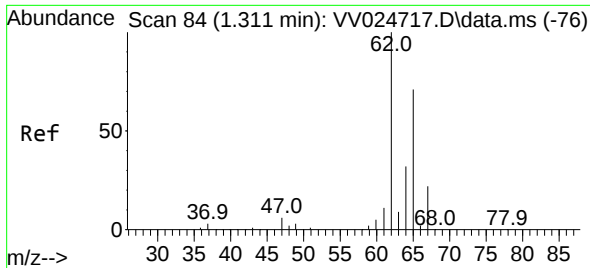
Tgt Ion: 85 Resp: 85164
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.9 38.9



#3
 Chloromethane
 Concen: 3.851 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV024717.D
 Acq: 17 Feb 2022 12:42

Tgt Ion: 50 Resp: 83815
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.3 43.3

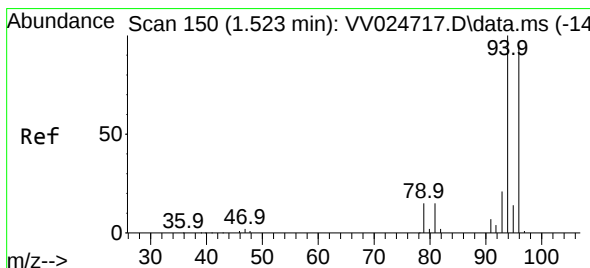
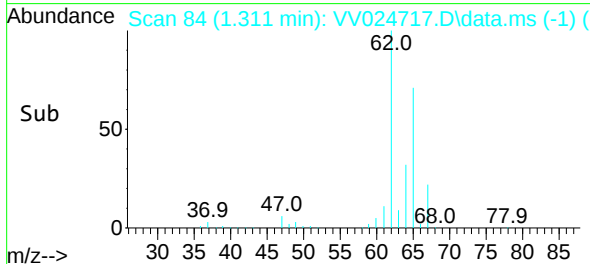
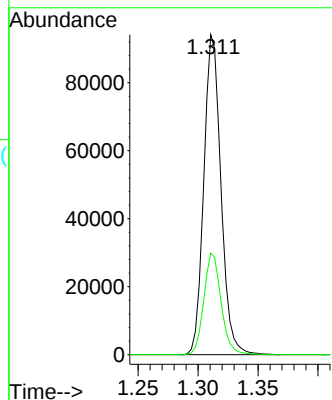
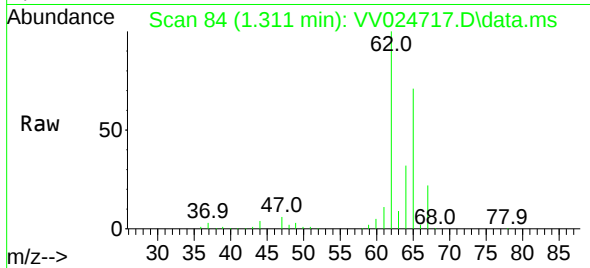




#5
 Vinyl chloride
 Concen: 3.979 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024717.D
 Acq: 17 Feb 2022 12:42

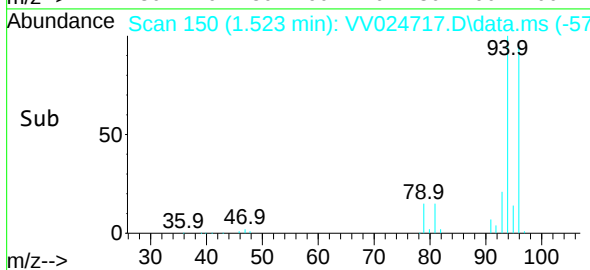
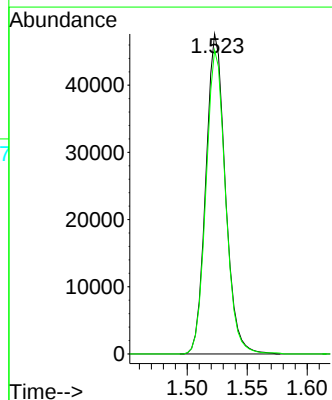
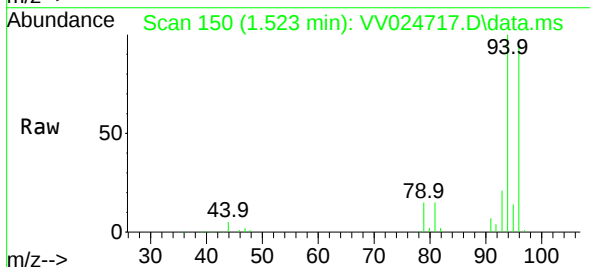
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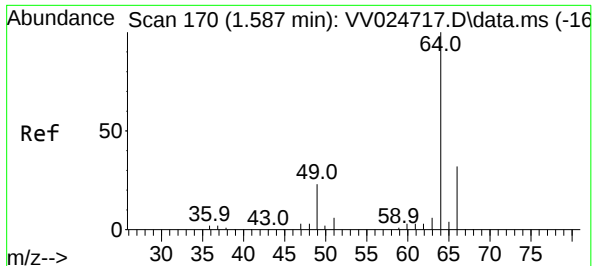
Tgt Ion: 62 Resp: 93895
 Ion Ratio Lower Upper
 62 100
 64 31.7 22.2 41.2



#6
 Bromomethane
 Concen: 3.754 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV024717.D
 Acq: 17 Feb 2022 12:42

Tgt Ion: 94 Resp: 53805
 Ion Ratio Lower Upper
 94 100
 96 95.0 66.5 123.5

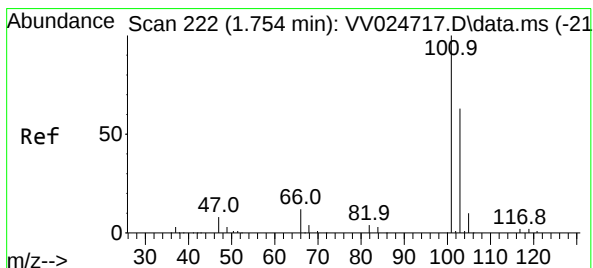
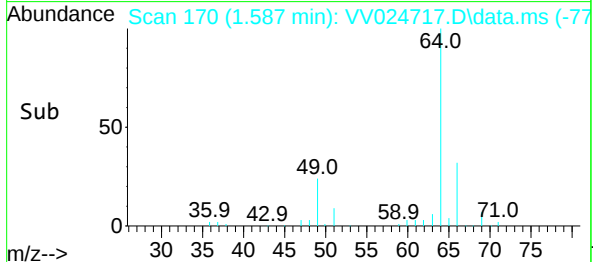
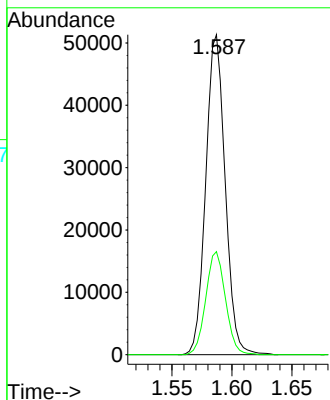
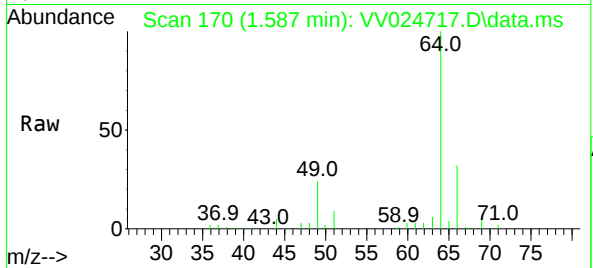




#8
Chloroethane
Concen: 3.990 ug/L
RT: 1.587 min Scan# 170
Delta R.T. 0.000 min
Lab File: VV024717.D
Acq: 17 Feb 2022 12:42

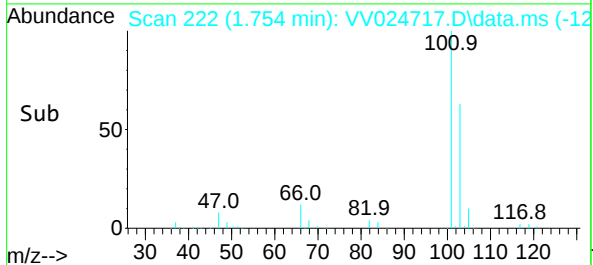
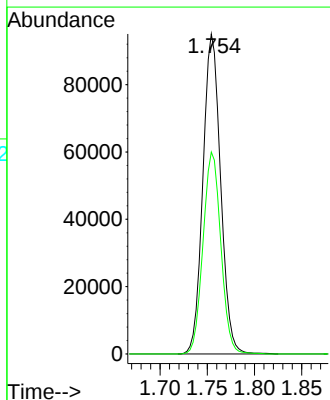
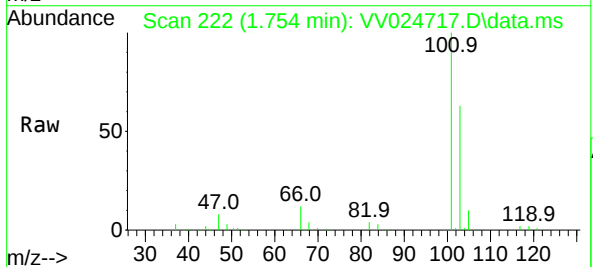
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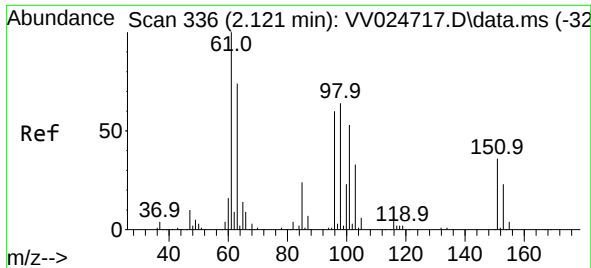
Tgt Ion: 64 Resp: 57749
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 3.927 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV024717.D
Acq: 17 Feb 2022 12:42

Tgt Ion:101 Resp: 123777
Ion Ratio Lower Upper
101 100
103 63.4 50.7 76.1

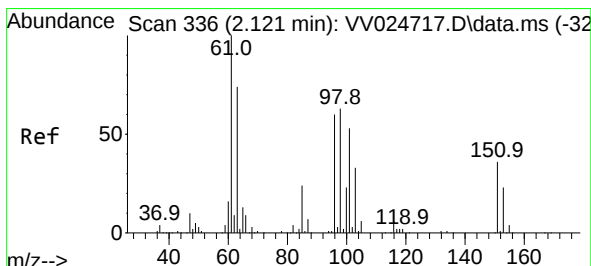
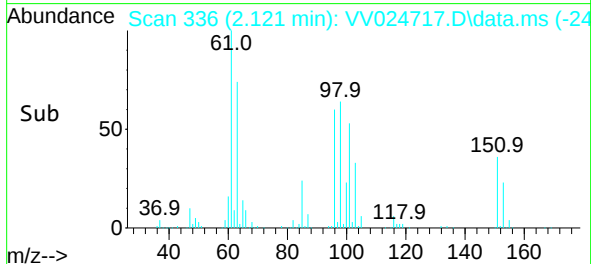
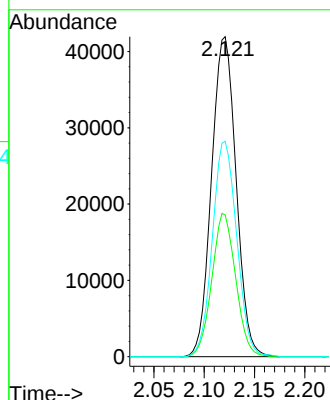
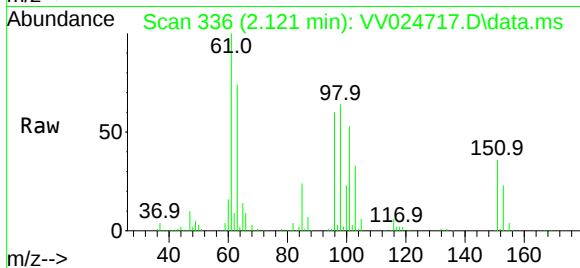




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.030 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV024717.D
 Acq: 17 Feb 2022 12:42

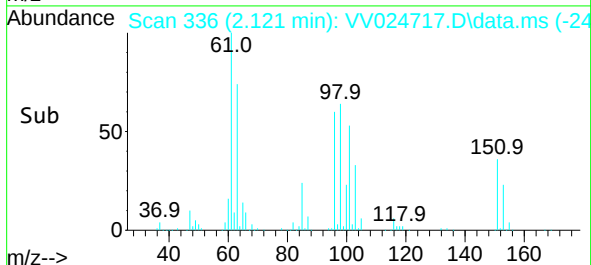
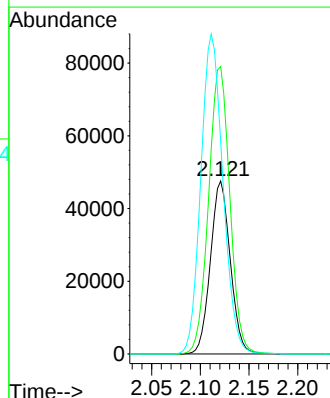
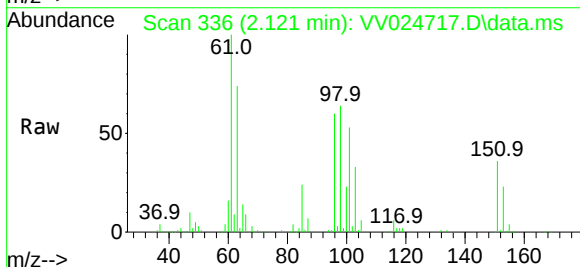
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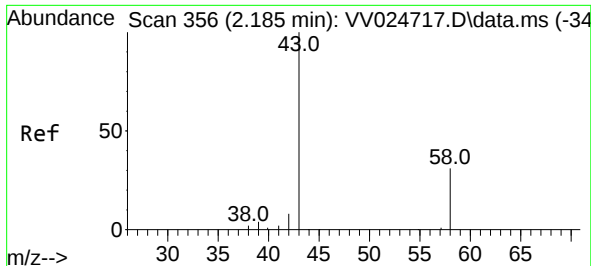
Tgt Ion:101 Resp: 71285
 Ion Ratio Lower Upper
 101 100
 85 43.4 34.7 52.1
 151 66.9 53.5 80.3



#12
 1,1-Dichloroethene
 Concen: 3.862 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV024717.D
 Acq: 17 Feb 2022 12:42

Tgt Ion: 96 Resp: 67439
 Ion Ratio Lower Upper
 96 100
 61 166.2 116.3 216.1
 63 122.8 86.0 159.6





#13

Acetone

Concen: 38.533 ug/L

RT: 2.185 min Scan# 356

Delta R.T. 0.000 min

Lab File: VV024717.D

Acq: 17 Feb 2022 12:42

Instrument :

MSVOA_V

ClientSampleId :

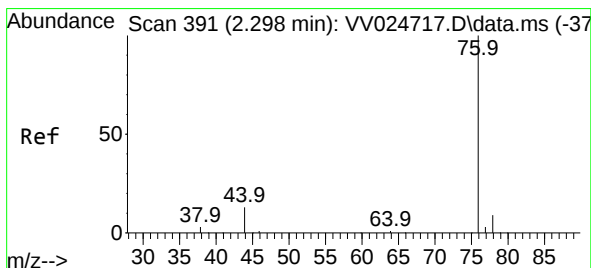
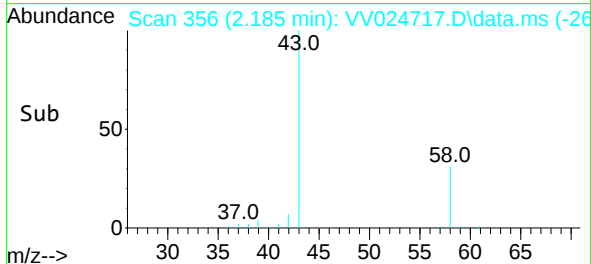
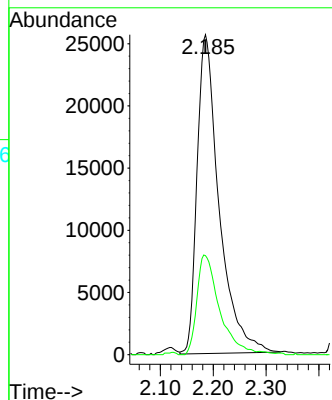
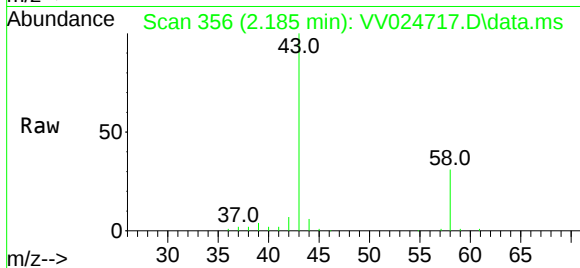
VSTD005216

Tgt Ion: 43 Resp: 74213

Ion Ratio Lower Upper

43 100

58 31.8 0.0 63.6



#14

Carbon disulfide

Concen: 3.456 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV024717.D

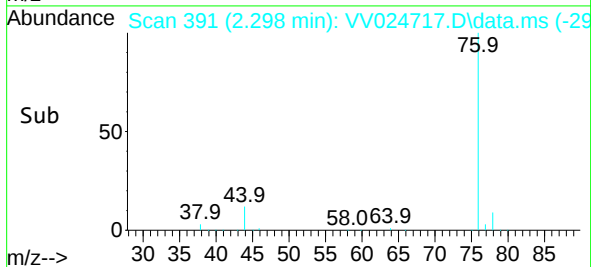
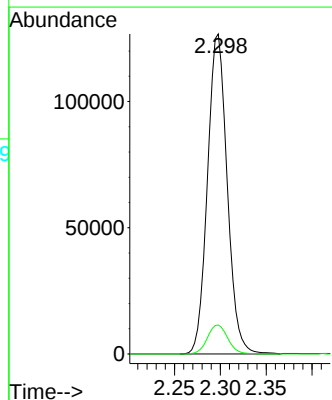
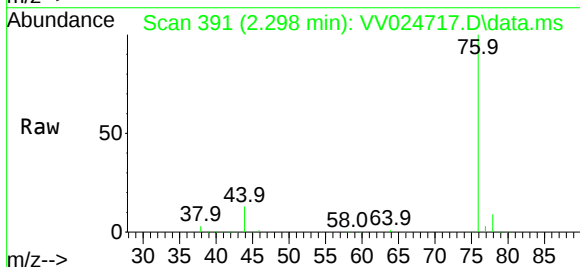
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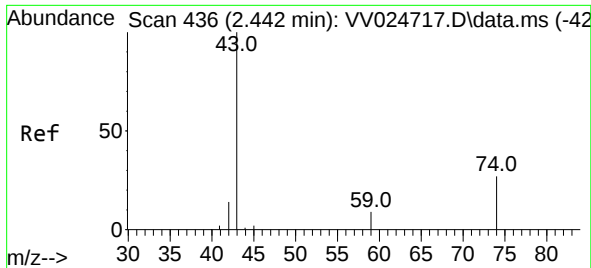
Tgt Ion: 76 Resp: 189510

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9





#15

Methyl Acetate

Concen: 3.419 ug/L

RT: 2.442 min Scan# 41

Delta R.T. 0.000 min

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ClientSampleId :

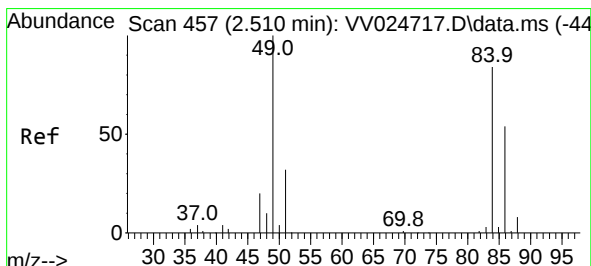
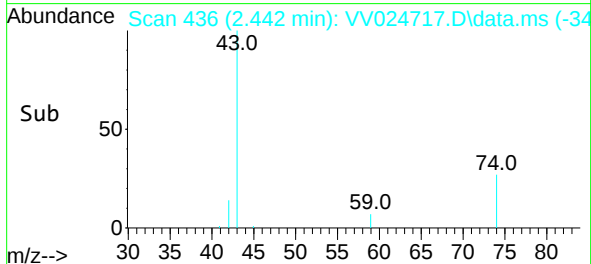
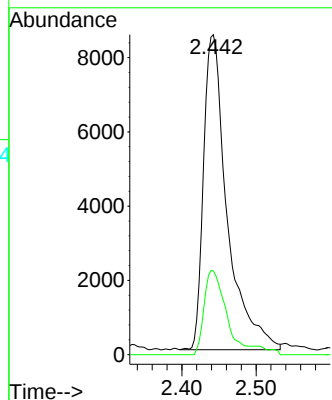
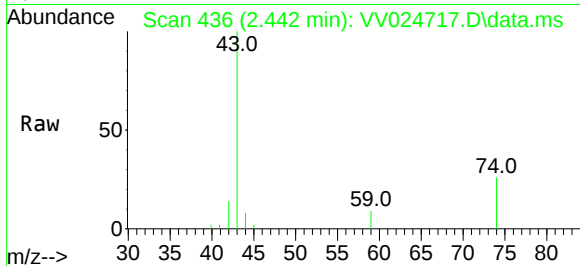
VSTD005216

Tgt Ion: 43 Resp: 18787

Ion Ratio Lower Upper

43 100

74 26.0 20.8 31.2



#16

Methylene chloride

Concen: 3.634 ug/L

RT: 2.510 min Scan# 457

Delta R.T. 0.000 min

Lab File: VV024717.D

Acq: 17 Feb 2022 12:42

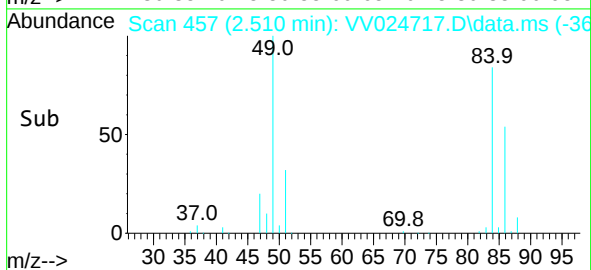
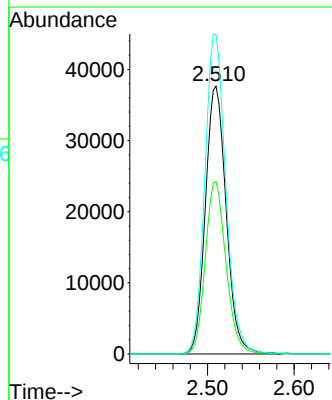
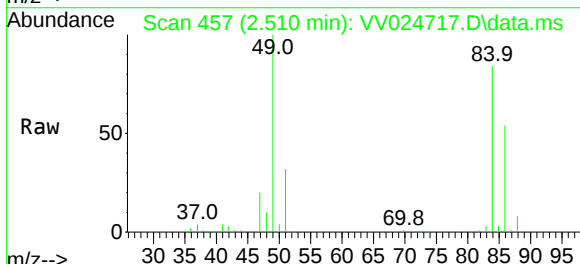
Tgt Ion: 84 Resp: 62983

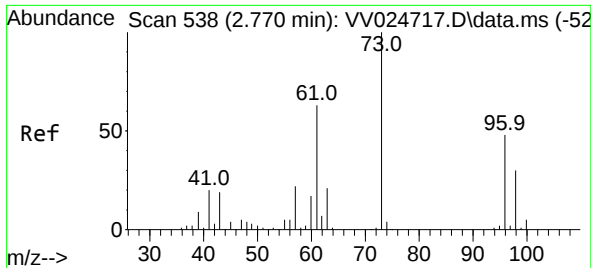
Ion Ratio Lower Upper

84 100

86 64.4 45.1 83.7

49 119.3 83.5 155.1

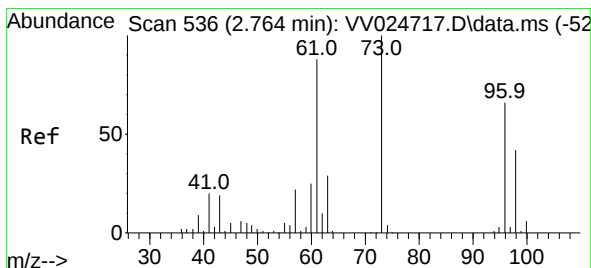
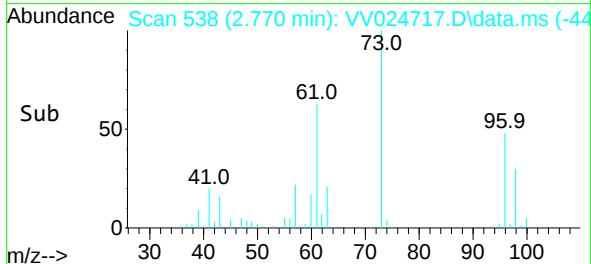
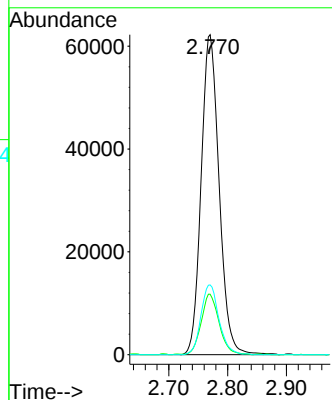
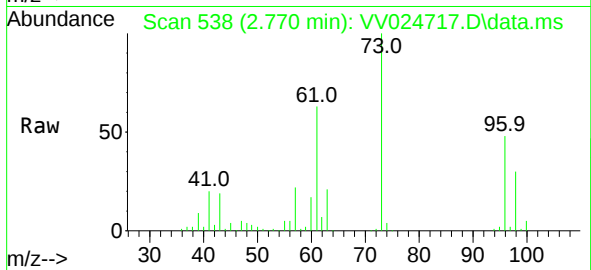




#17
Methyl tert-butyl Ether
Concen: 3.708 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV024717.D
Acq: 17 Feb 2022 12:42

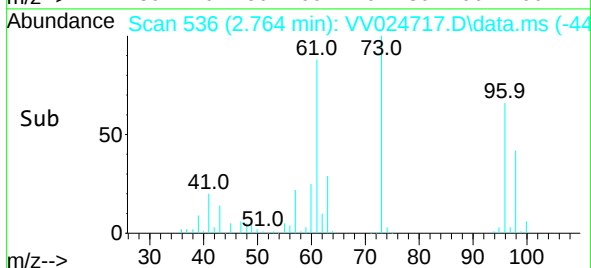
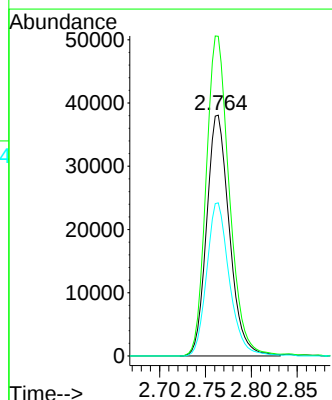
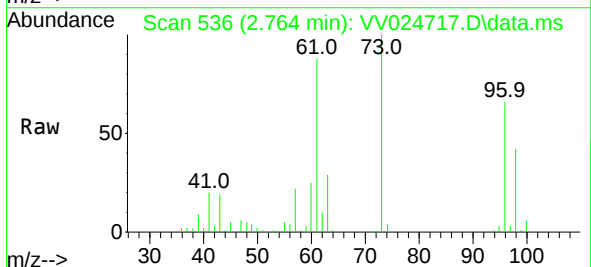
Instrument :
MSVOA_V
ClientSampleId :
VSTD005216

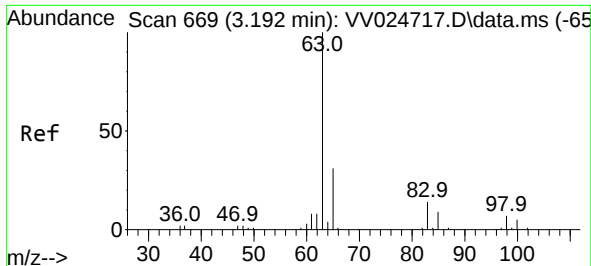
Tgt Ion: 73 Resp: 132081
Ion Ratio Lower Upper
73 100
43 18.9 15.1 22.7
57 21.8 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 3.845 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV024717.D
Acq: 17 Feb 2022 12:42

Tgt Ion: 96 Resp: 65807
Ion Ratio Lower Upper
96 100
61 132.7 92.9 172.5
98 63.6 44.5 82.7





#19

1,1-Dichloroethane

Concen: 4.057 ug/L

RT: 3.192 min Scan# 669

Delta R.T. 0.000 min

Lab File: VV024717.D

Acq: 17 Feb 2022 12:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD005216

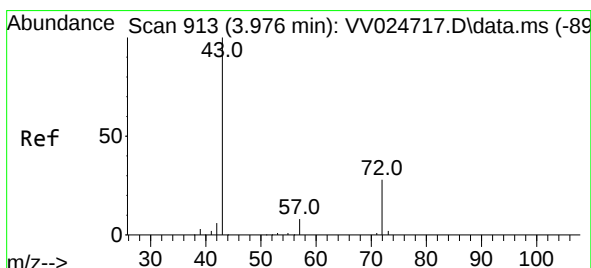
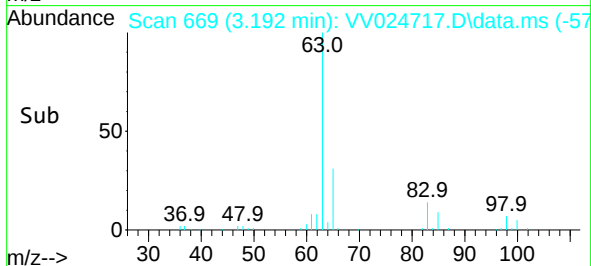
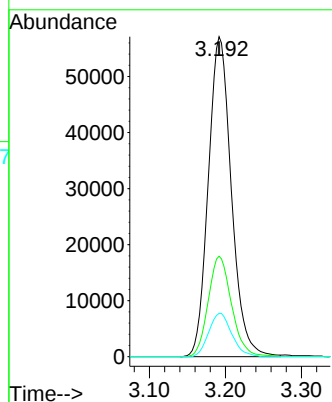
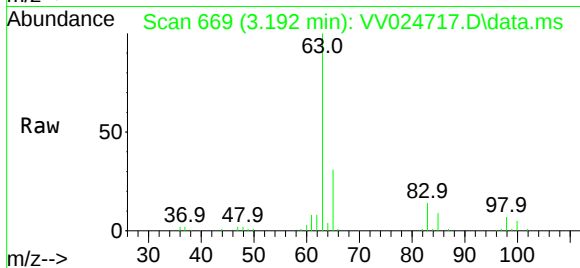
Tgt Ion: 63 Resp: 120177

Ion Ratio Lower Upper

63 100

65 31.4 22.0 40.8

83 13.6 9.5 17.7



#21

2-Butanone

Concen: 39.370 ug/L

RT: 3.976 min Scan# 913

Delta R.T. 0.000 min

Lab File: VV024717.D

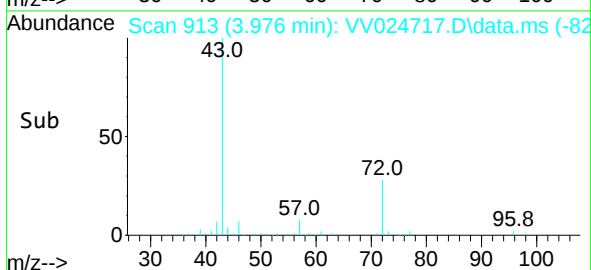
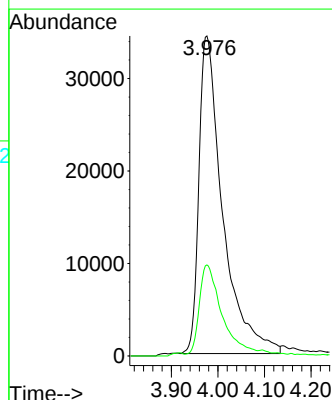
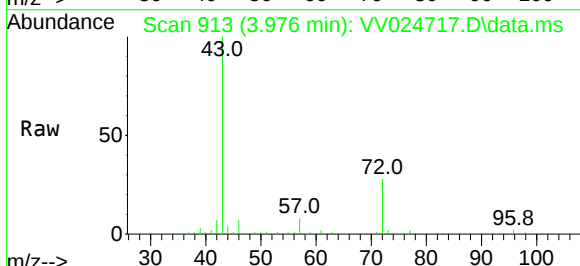
Acq: 17 Feb 2022 12:42

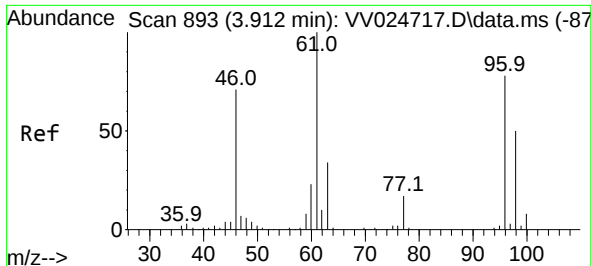
Tgt Ion: 43 Resp: 121638

Ion Ratio Lower Upper

43 100

72 26.4 13.2 39.6



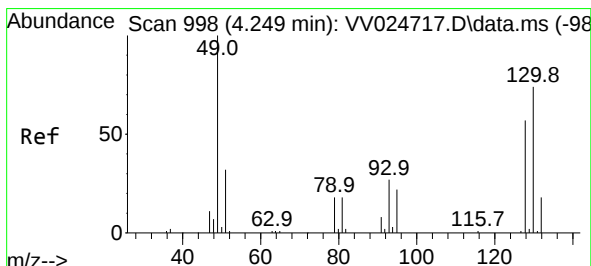
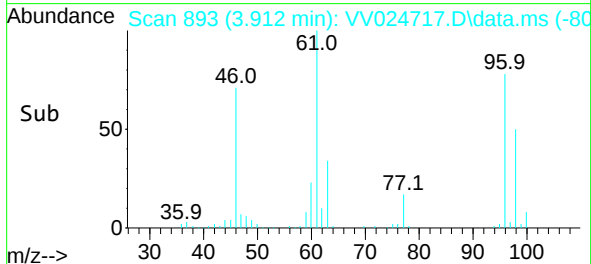
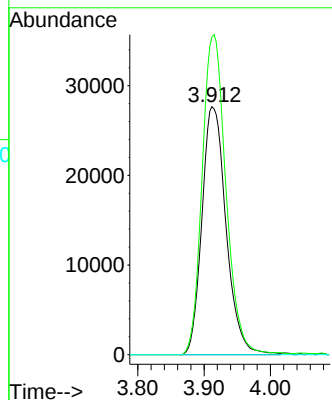
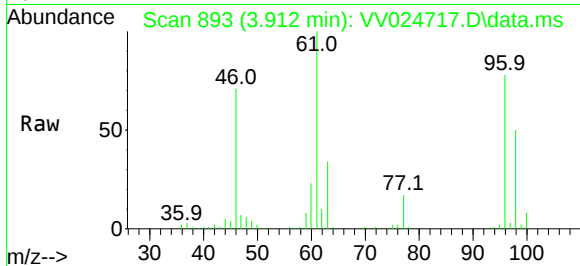


#22
 cis-1,2-Dichloroethene
 Concen: 4.055 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.000 min
 Lab File: VV024717.D
 Acq: 17 Feb 2022 12:42

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005216

Tgt Ion: 96 Resp: 69903

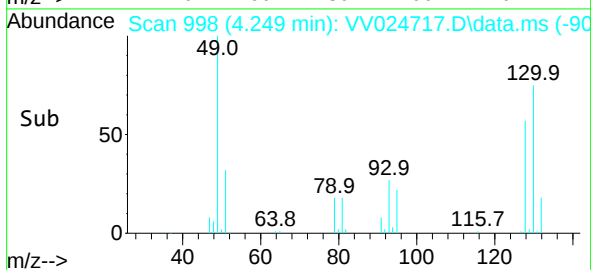
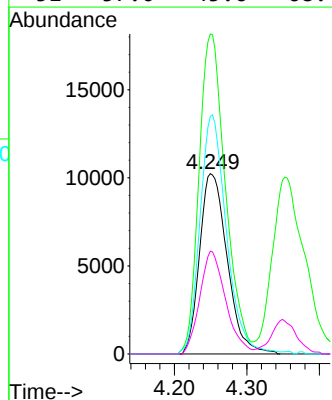
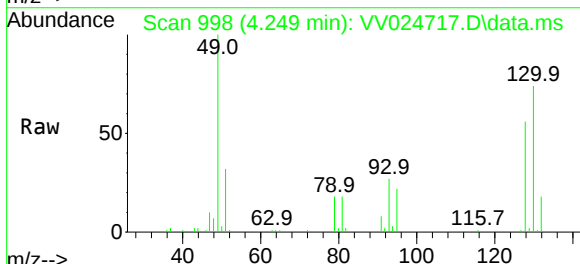
Ion	Ratio	Lower	Upper
96	100		
61	128.1	89.7	166.5
68	0.0	0.0	0.0

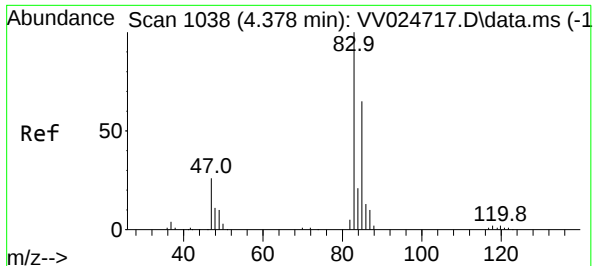


#23
 Bromochloromethane
 Concen: 4.112 ug/L
 RT: 4.249 min Scan# 998
 Delta R.T. 0.000 min
 Lab File: VV024717.D
 Acq: 17 Feb 2022 12:42

Tgt Ion: 128 Resp: 27007

Ion	Ratio	Lower	Upper
128	100		
49	177.4	124.2	230.6
130	131.6	92.1	171.1
51	57.0	45.6	68.4





#25

Chloroform

Concen: 4.002 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV024717.D

Acq: 17 Feb 2022 12:42

Instrument :

MSVOA_V

ClientSampleId :

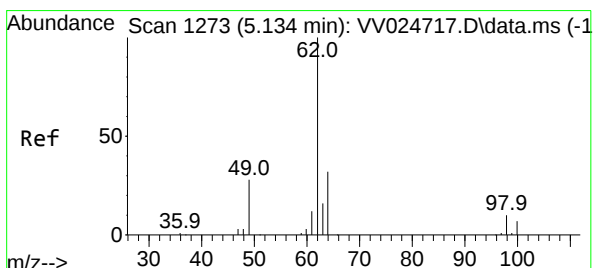
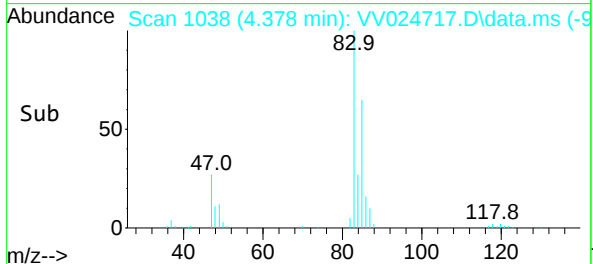
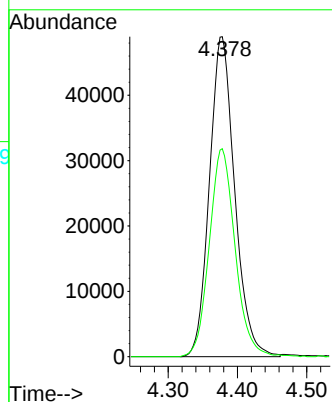
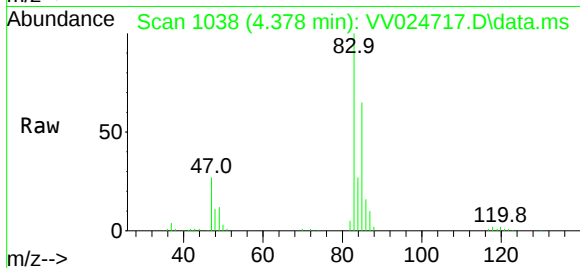
VSTD005216

Tgt Ion: 83 Resp: 123936

Ion Ratio Lower Upper

83 100

85 65.0 45.5 84.5



#27

1,2-Dichloroethane

Concen: 4.006 ug/L

RT: 5.134 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VV024717.D

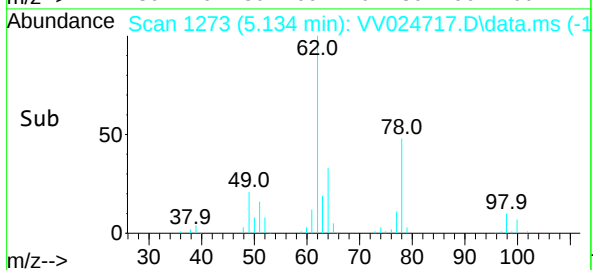
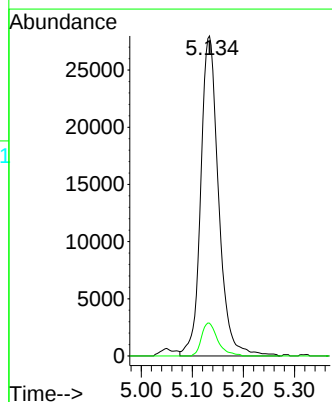
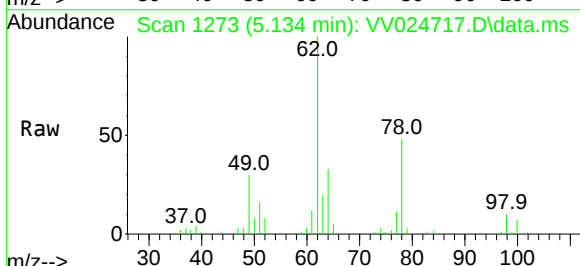
Acq: 17 Feb 2022 12:42

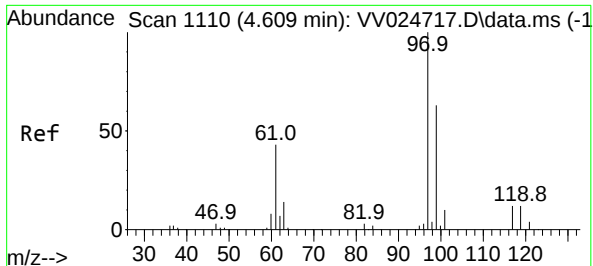
Tgt Ion: 62 Resp: 67998

Ion Ratio Lower Upper

62 100

98 10.2 8.2 12.2





#29

1,1,1-Trichloroethane

Concen: 4.253 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV024717.D

Acq: 17 Feb 2022 12:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD005216

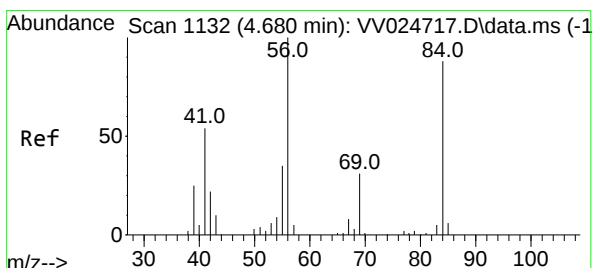
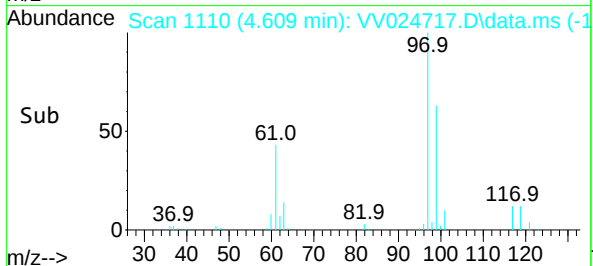
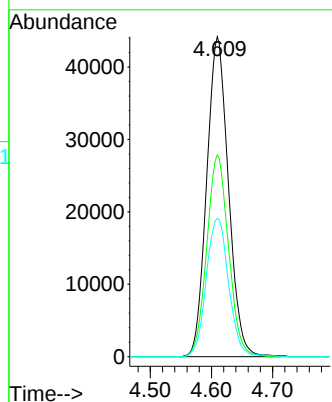
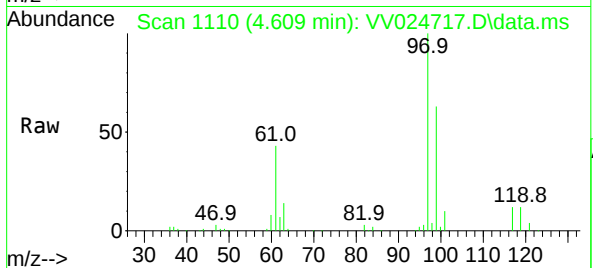
Tgt Ion: 97 Resp: 109130

Ion Ratio Lower Upper

97 100

99 63.1 50.5 75.7

61 44.7 35.8 53.6



#30

Cyclohexane

Concen: 4.191 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VV024717.D

Acq: 17 Feb 2022 12:42

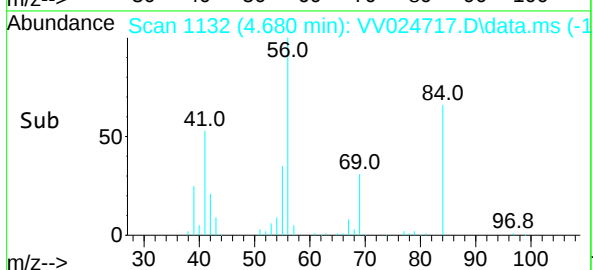
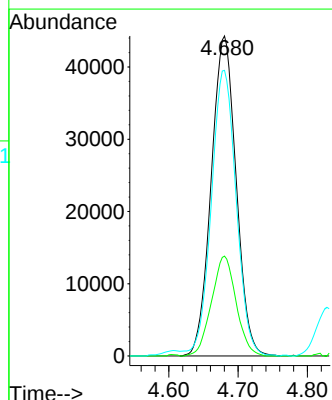
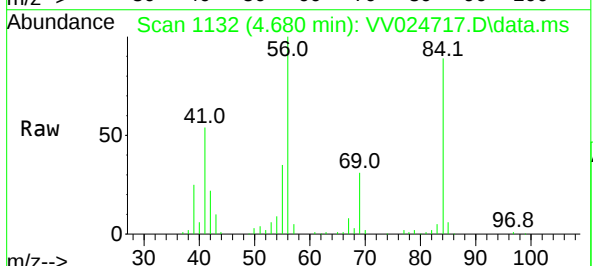
Tgt Ion: 56 Resp: 110691

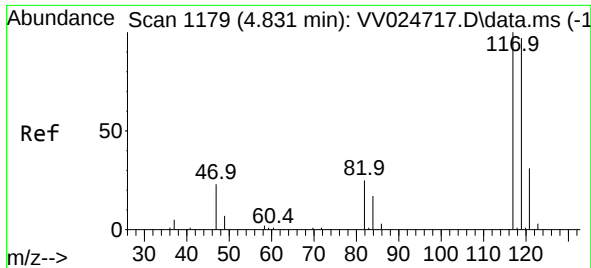
Ion Ratio Lower Upper

56 100

69 30.8 24.6 37.0

84 89.2 71.4 107.0

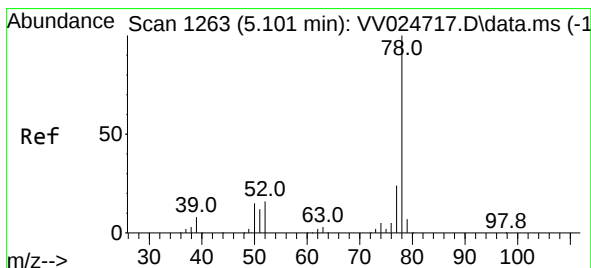
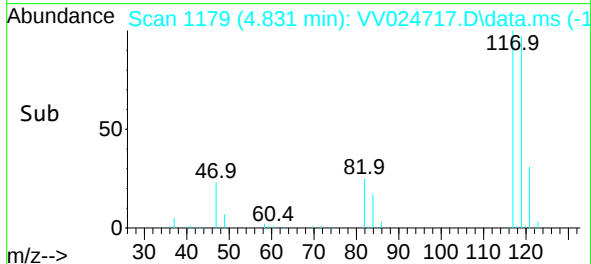
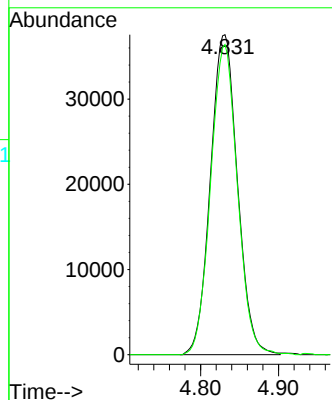
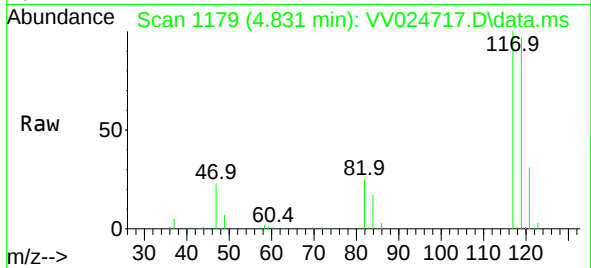




#31
Carbon tetrachloride
Concen: 4.182 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV024717.D
Acq: 17 Feb 2022 12:42

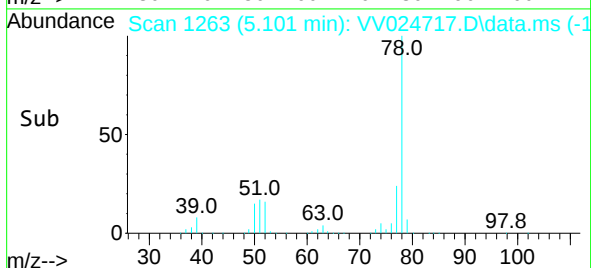
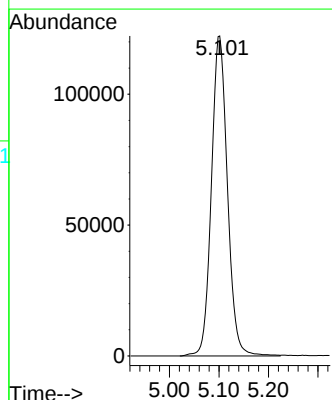
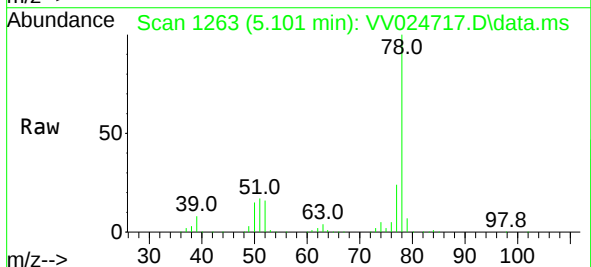
Instrument :
MSVOA_V
ClientSampleId :
VSTD005216

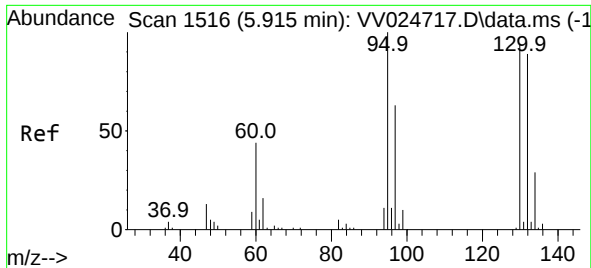
Tgt Ion:117 Resp: 90699
Ion Ratio Lower Upper
117 100
119 95.8 76.6 115.0



#33
Benzene
Concen: 4.451 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV024717.D
Acq: 17 Feb 2022 12:42

Tgt Ion: 78 Resp: 274310

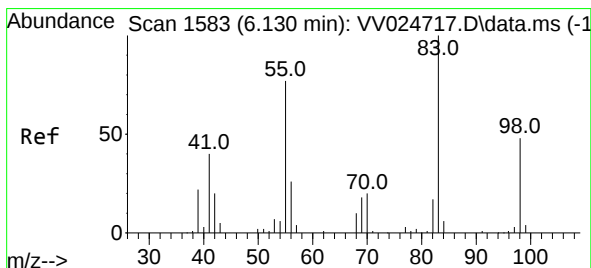
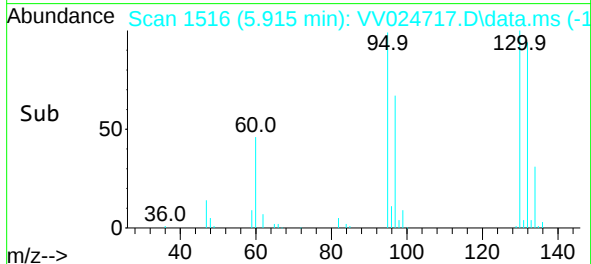
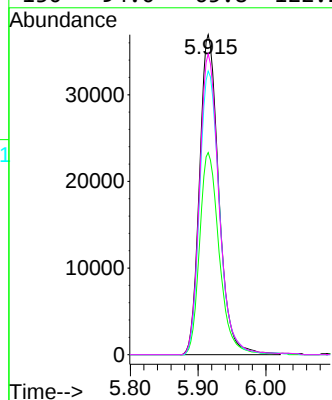
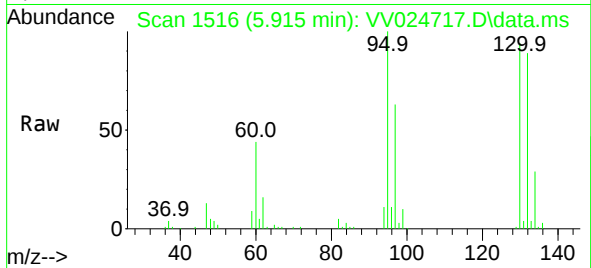




#34
Trichloroethene
Concen: 4.333 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV024717.D
Acq: 17 Feb 2022 12:42

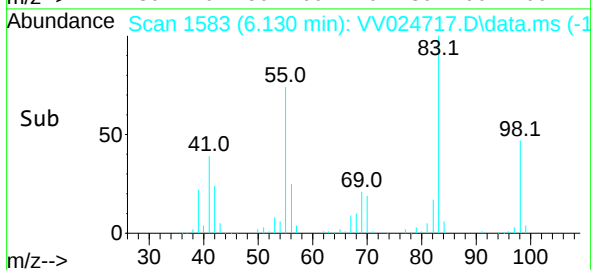
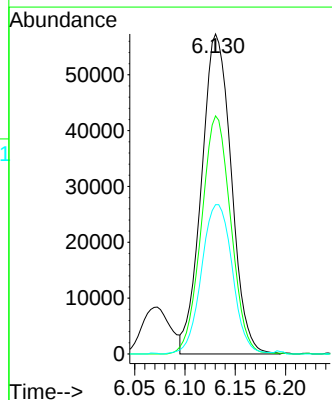
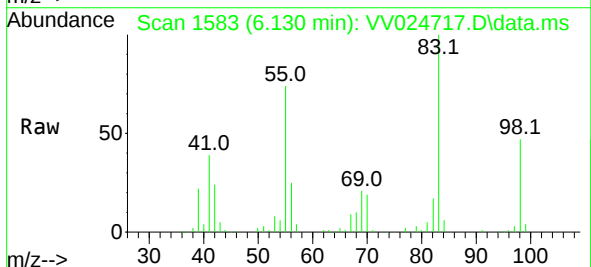
Instrument :
MSVOA_V
ClientSampleId :
VSTD005216

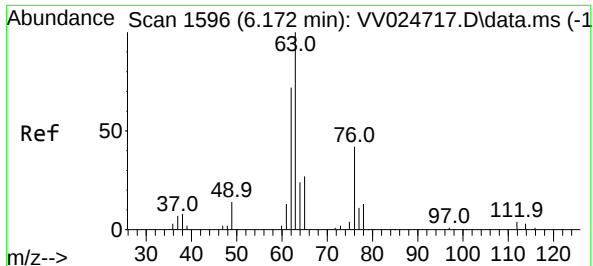
Tgt Ion: 95 Resp: 73019
Ion Ratio Lower Upper
95 100
97 63.1 44.2 82.0
132 88.7 62.1 115.3
130 94.0 65.8 122.2



#35
Methylcyclohexane
Concen: 4.264 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.000 min
Lab File: VV024717.D
Acq: 17 Feb 2022 12:42

Tgt Ion: 83 Resp: 118120
Ion Ratio Lower Upper
83 100
55 73.5 58.8 88.2
98 48.3 38.6 58.0





#37

1,2-Dichloropropane

Concen: 4.290 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV024717.D

Acq: 17 Feb 2022 12:42

Instrument :

MSVOA_V

ClientSampleId :

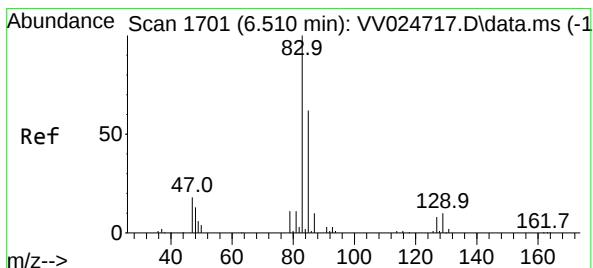
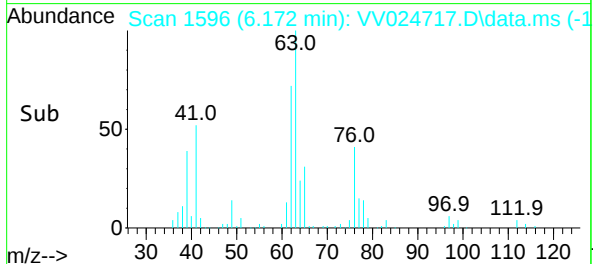
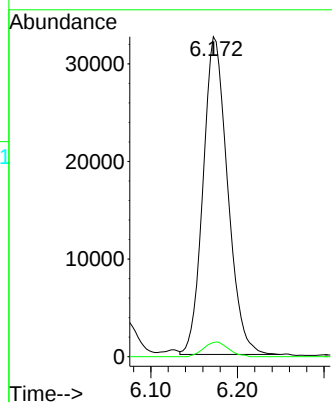
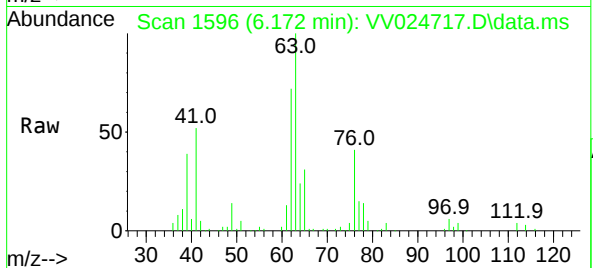
VSTD005216

Tgt Ion: 63 Resp: 64053

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.6



#38

Bromodichloromethane

Concen: 4.235 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VV024717.D

Acq: 17 Feb 2022 12:42

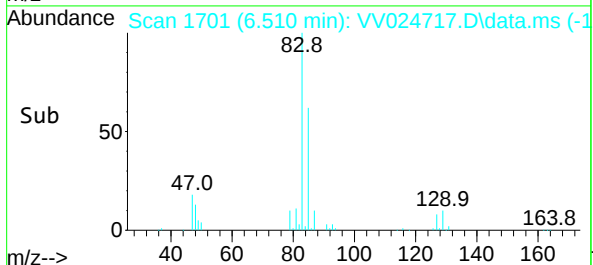
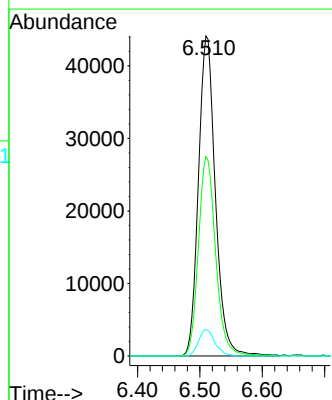
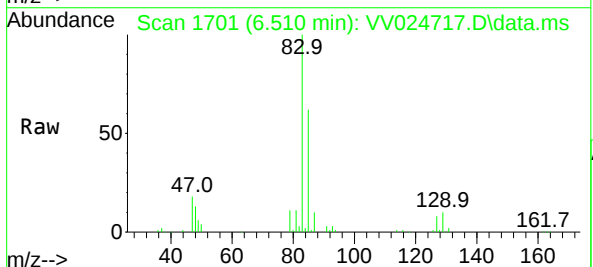
Tgt Ion: 83 Resp: 83329

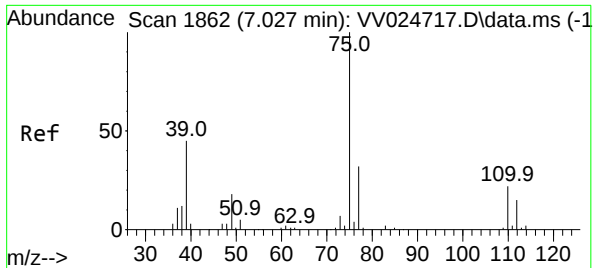
Ion Ratio Lower Upper

83 100

85 62.2 43.5 80.9

127 8.3 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 4.099 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV024717.D

Acq: 17 Feb 2022 12:42

Instrument :

MSVOA_V

ClientSampleId :

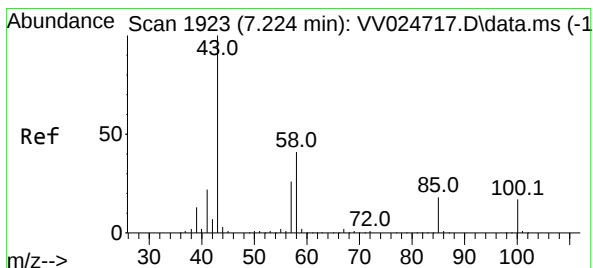
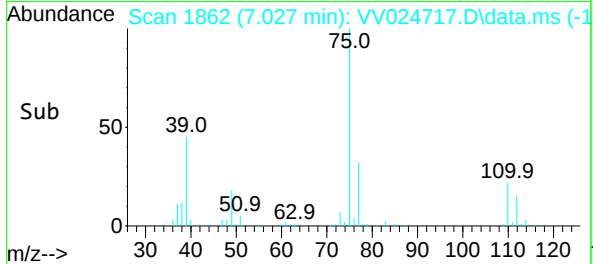
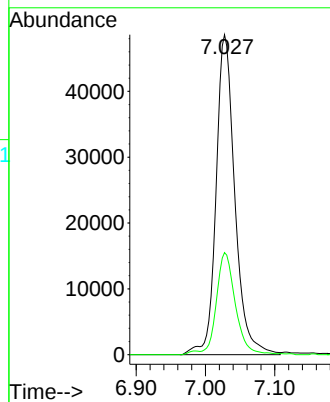
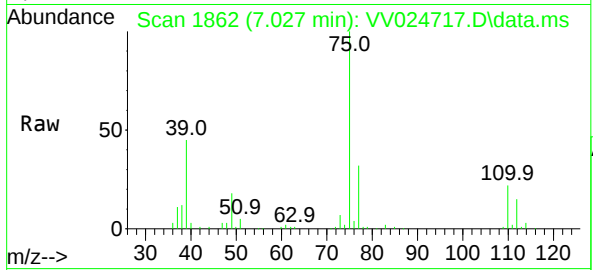
VSTD005216

Tgt Ion: 75 Resp: 91587

Ion Ratio Lower Upper

75 100

77 31.9 22.3 41.5



#40

4-Methyl-2-pentanone

Concen: 41.683 ug/L

RT: 7.224 min Scan# 1923

Delta R.T. 0.000 min

Lab File: VV024717.D

Acq: 17 Feb 2022 12:42

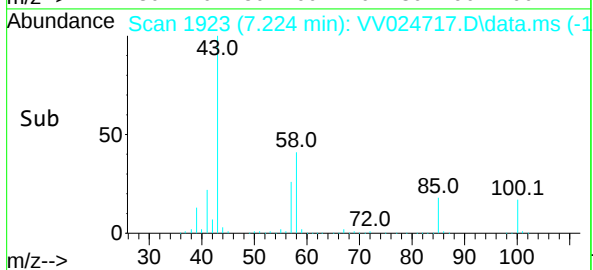
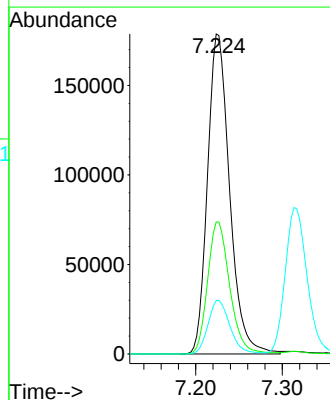
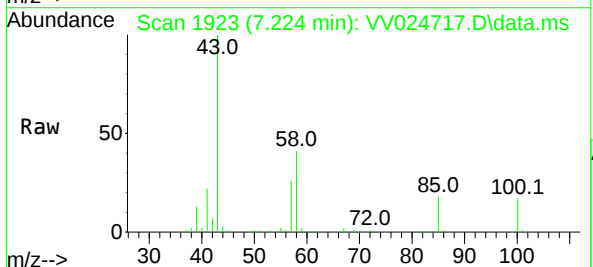
Tgt Ion: 43 Resp: 317215

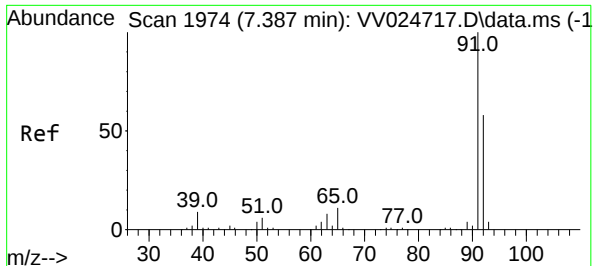
Ion Ratio Lower Upper

43 100

58 41.3 33.0 49.6

100 16.6 13.3 19.9





#42

Toluene

Concen: 4.364 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV024717.D

Acq: 17 Feb 2022 12:42

Instrument :

MSVOA_V

ClientSampleId :

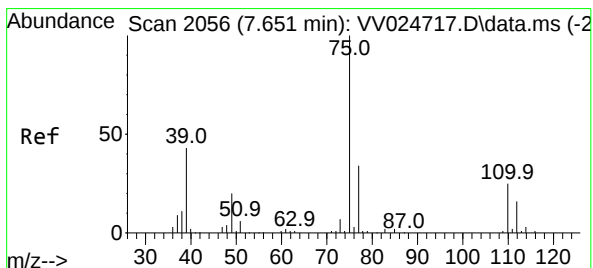
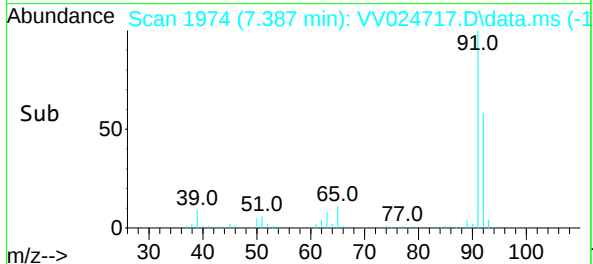
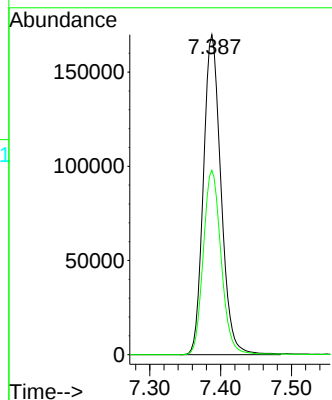
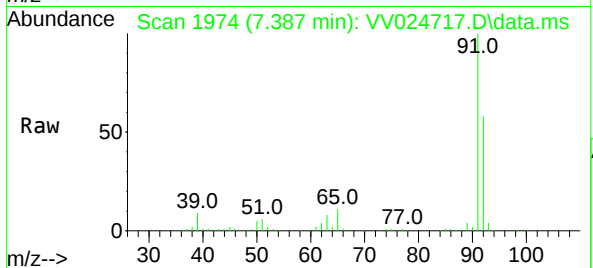
VSTD005216

Tgt Ion: 91 Resp: 292521

Ion Ratio Lower Upper

91 100

92 57.6 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 3.980 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV024717.D

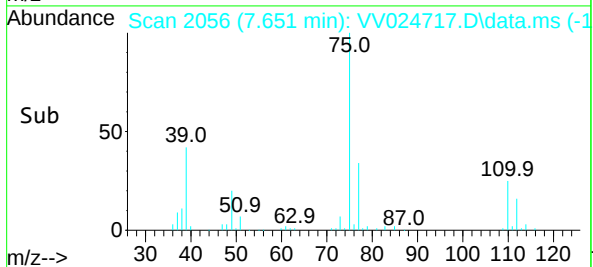
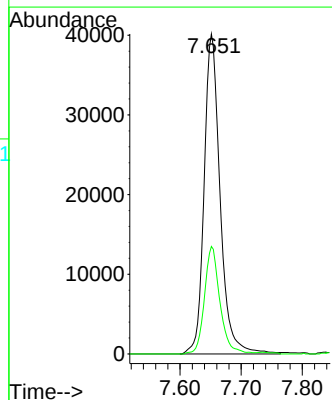
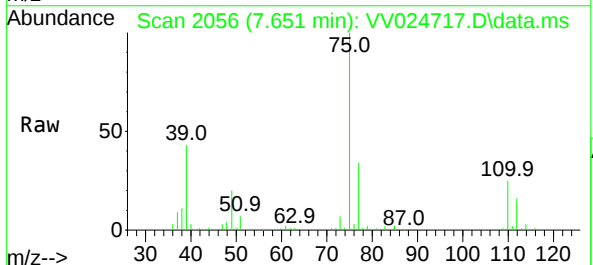
Acq: 17 Feb 2022 12:42

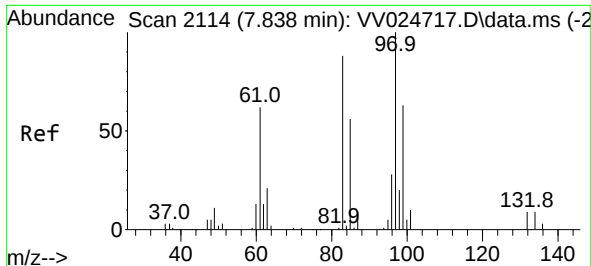
Tgt Ion: 75 Resp: 73067

Ion Ratio Lower Upper

75 100

77 33.6 23.5 43.7



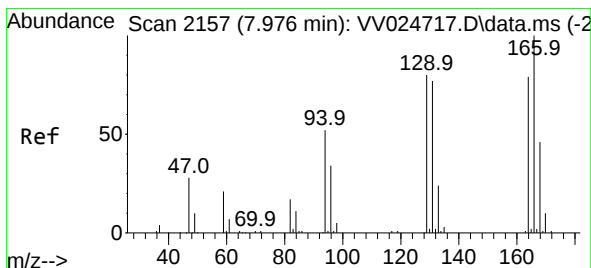
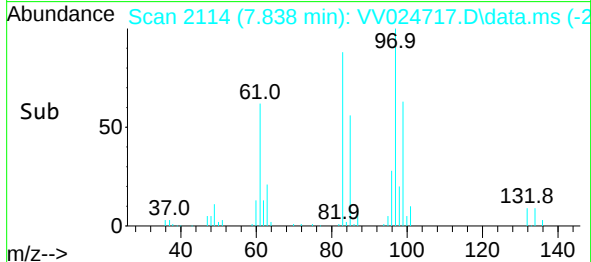
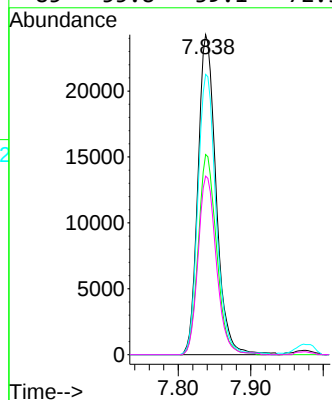
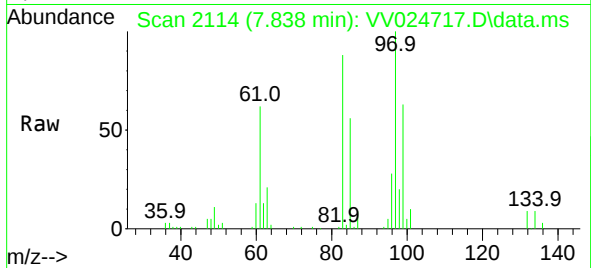


#45
1,1,2-Trichloroethane
Concen: 4.363 ug/L
RT: 7.838 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VV024717.D
Acq: 17 Feb 2022 12:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD005216

Tgt Ion: 97 Resp: 42132

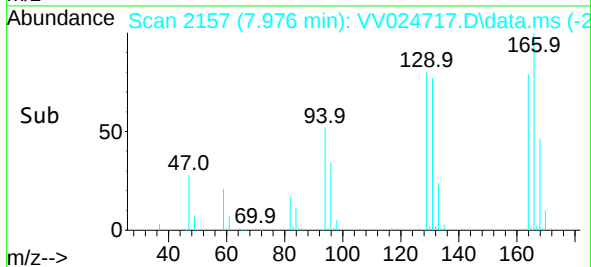
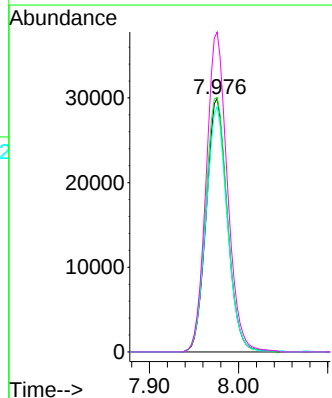
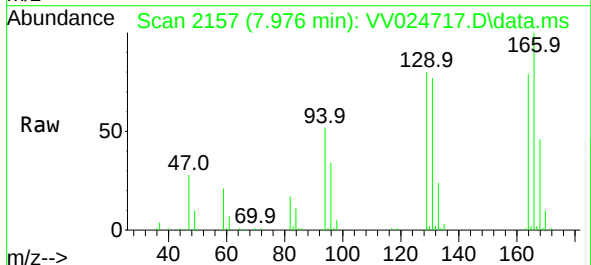
Ion	Ratio	Lower	Upper
97	100		
99	62.5	43.8	81.3
83	87.6	61.3	113.9
85	55.8	39.1	72.5

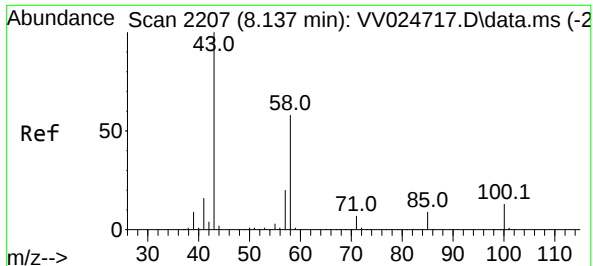


#47
Tetrachloroethene
Concen: 4.376 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV024717.D
Acq: 17 Feb 2022 12:42

Tgt Ion: 164 Resp: 49298

Ion	Ratio	Lower	Upper
164	100		
129	100.5	70.3	130.7
131	96.7	67.7	125.7
166	126.2	88.3	164.1



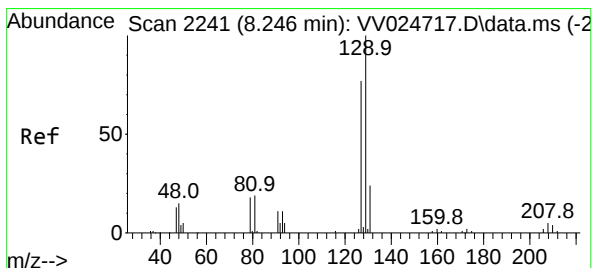
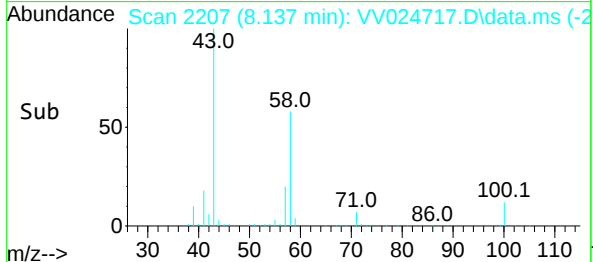
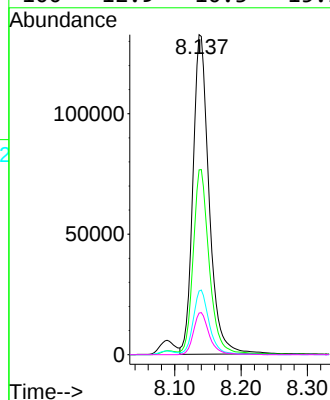
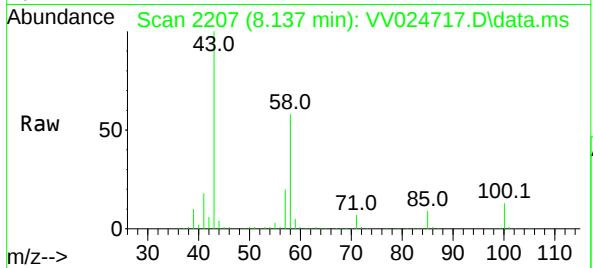


#48
2-Hexanone
Concen: 42.920 ug/L
RT: 8.137 min Scan# 2207
Delta R.T. 0.000 min
Lab File: VV024717.D
Acq: 17 Feb 2022 12:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD005216

Tgt Ion: 43 Resp: 224064

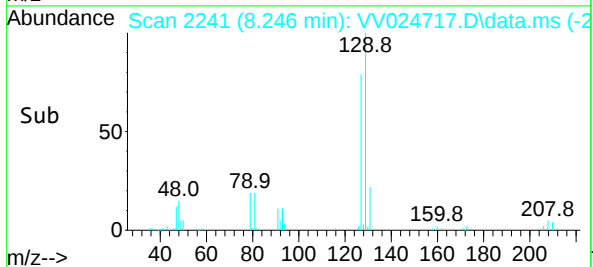
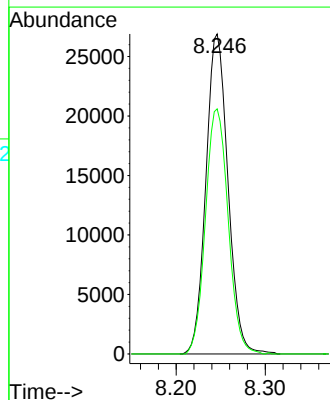
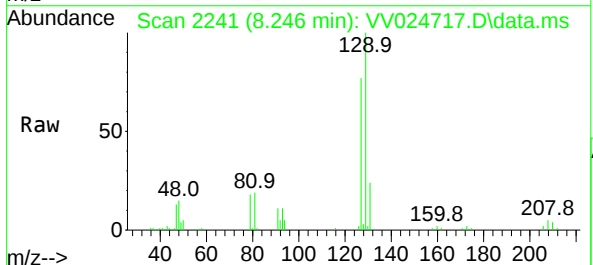
Ion	Ratio	Lower	Upper
43	100		
58	57.5	46.0	69.0
57	19.6	15.7	23.5
100	12.9	10.3	15.5

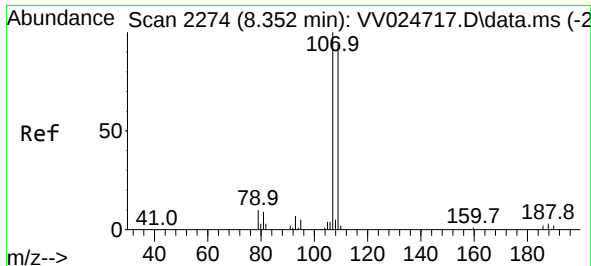


#49
Dibromochloromethane
Concen: 4.019 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV024717.D
Acq: 17 Feb 2022 12:42

Tgt Ion: 129 Resp: 46217

Ion	Ratio	Lower	Upper
129	100		
127	76.6	53.6	99.6





#50

1,2-Dibromoethane

Concen: 4.303 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV024717.D

Acq: 17 Feb 2022 12:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD005216

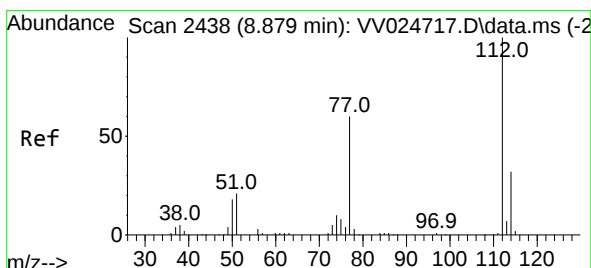
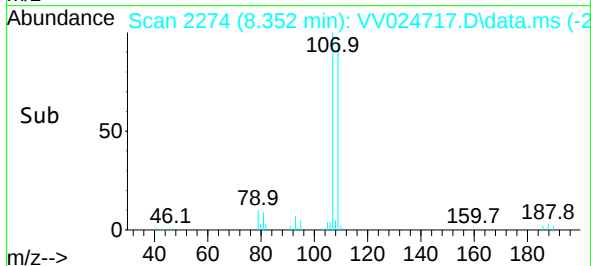
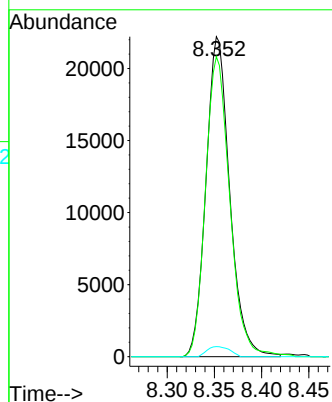
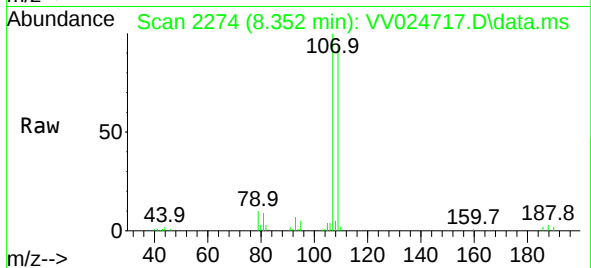
Tgt Ion:107 Resp: 38814

Ion Ratio Lower Upper

107 100

109 93.7 65.6 121.8

188 3.2 2.6 3.8



#51

Chlorobenzene

Concen: 4.341 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV024717.D

Acq: 17 Feb 2022 12:42

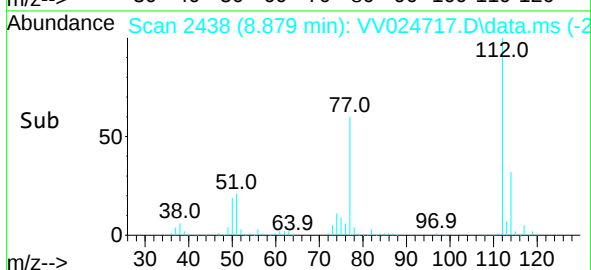
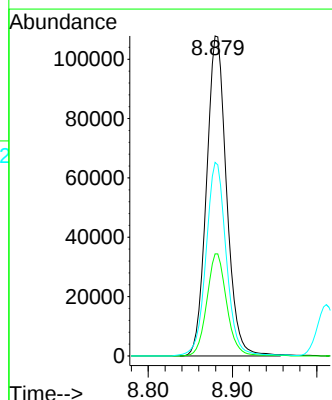
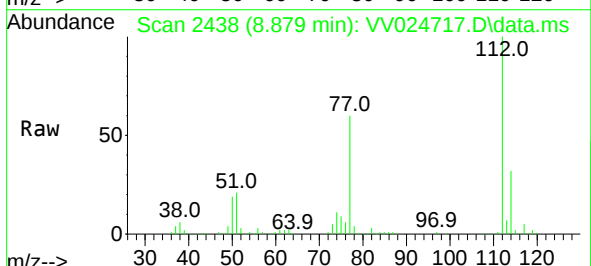
Tgt Ion:112 Resp: 178470

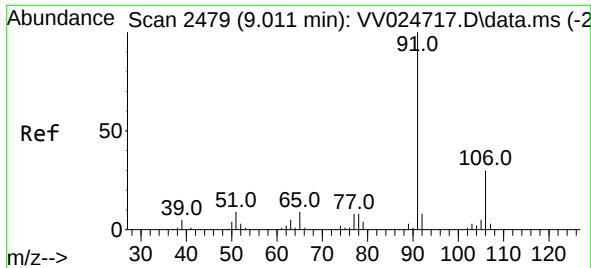
Ion Ratio Lower Upper

112 100

114 31.9 22.3 41.5

77 60.5 48.4 72.6

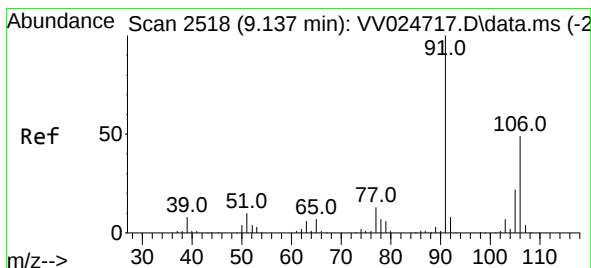
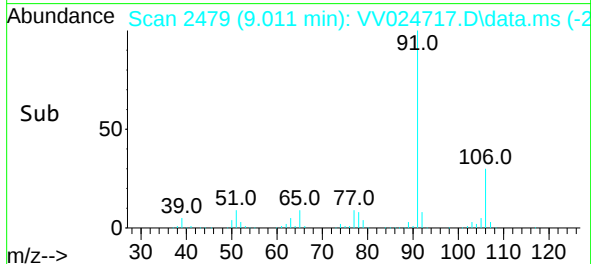
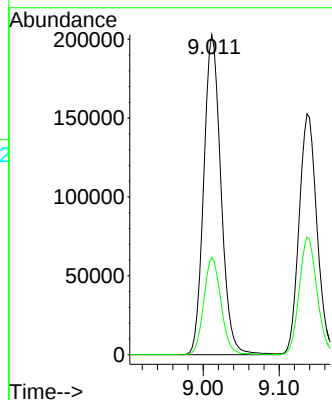
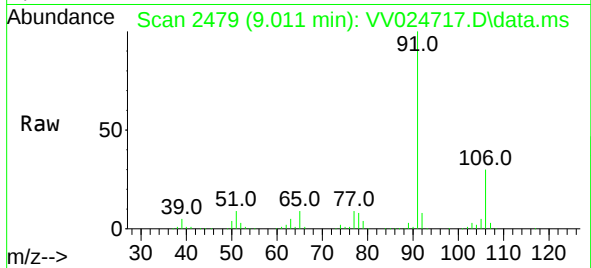




#52
Ethylbenzene
Concen: 4.298 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV024717.D
Acq: 17 Feb 2022 12:42

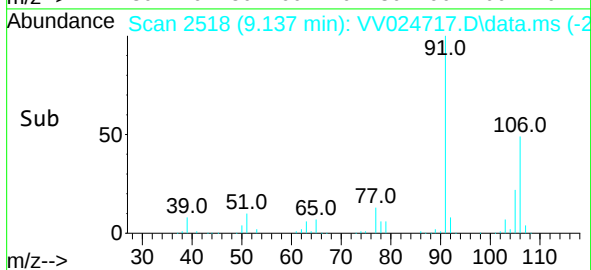
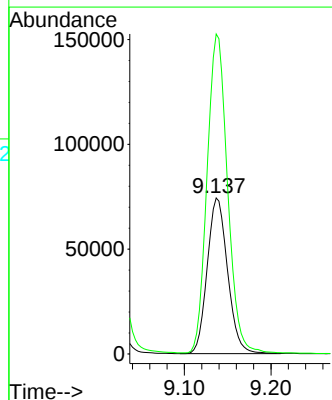
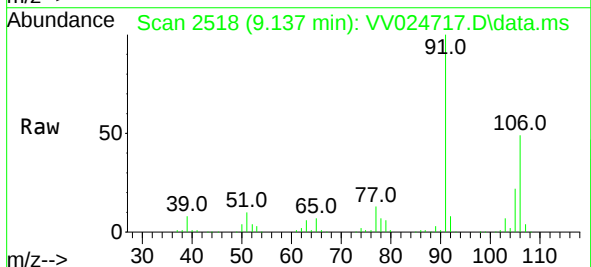
Instrument :
MSVOA_V
ClientSampleId :
VSTD005216

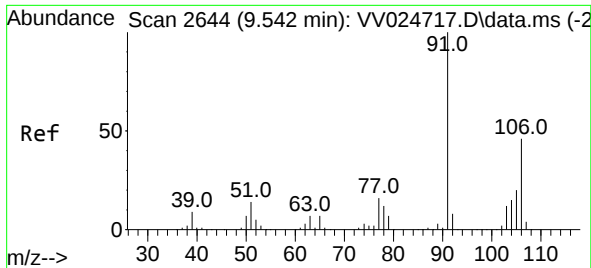
Tgt Ion: 91 Resp: 319241
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5



#53
m,p-xylene
Concen: 4.317 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV024717.D
Acq: 17 Feb 2022 12:42

Tgt Ion: 106 Resp: 121343
Ion Ratio Lower Upper
106 100
91 205.1 143.6 266.6

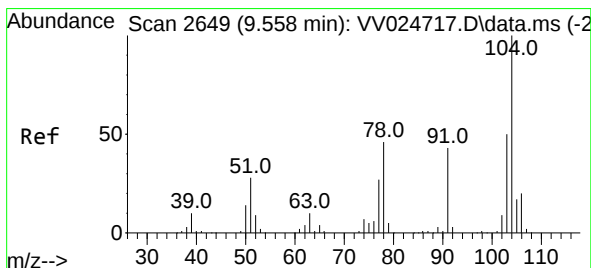
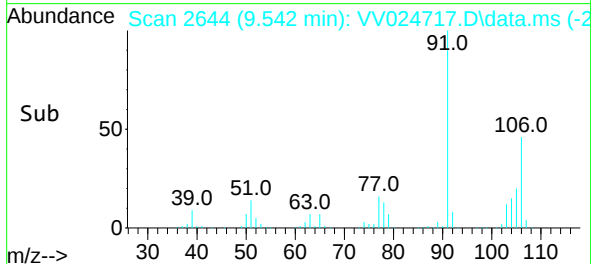
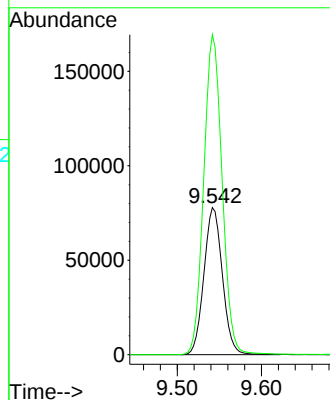
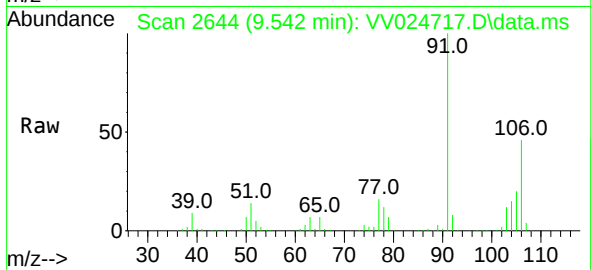




#54
o-xylene
Concen: 4.363 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV024717.D
Acq: 17 Feb 2022 12:42

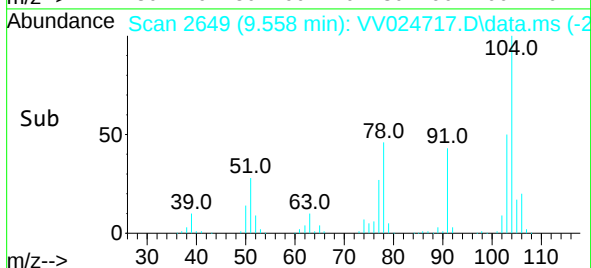
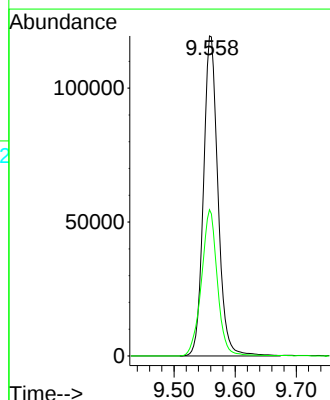
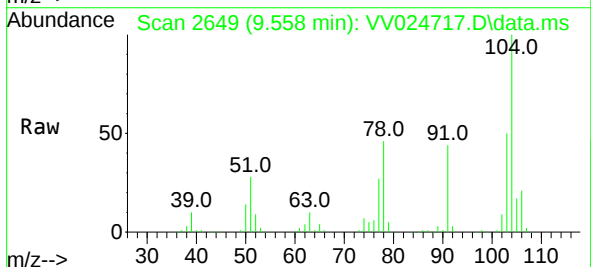
Instrument :
MSVOA_V
ClientSampleId :
VSTD005216

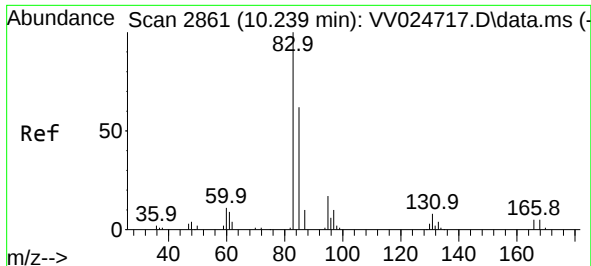
Tgt Ion:106 Resp: 119015
Ion Ratio Lower Upper
106 100
91 217.5 152.2 282.7



#55
Styrene
Concen: 4.385 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.000 min
Lab File: VV024717.D
Acq: 17 Feb 2022 12:42

Tgt Ion:104 Resp: 196666
Ion Ratio Lower Upper
104 100
78 45.7 32.0 59.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.492 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. 0.000 min

Lab File: VV024717.D

Acq: 17 Feb 2022 12:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD005216

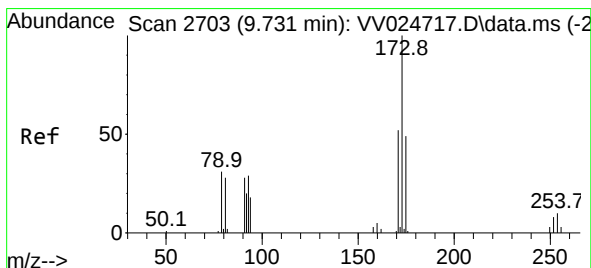
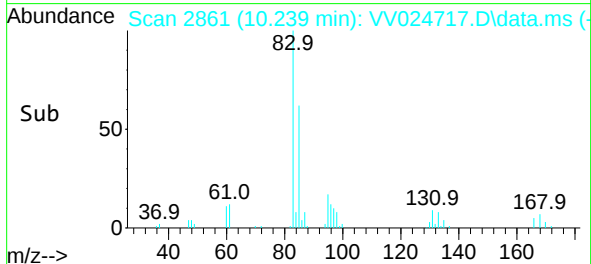
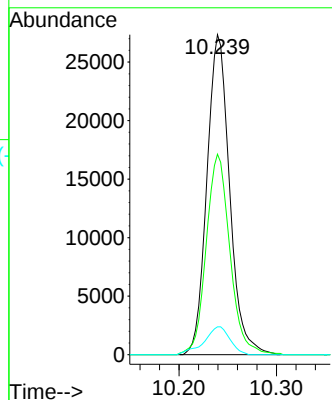
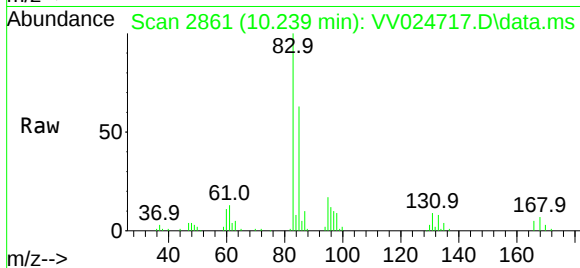
Tgt Ion: 83 Resp: 44194

Ion Ratio Lower Upper

83 100

85 62.7 43.9 81.5

131 8.7 7.0 10.4



#59

Bromoform

Concen: 4.118 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. 0.000 min

Lab File: VV024717.D

Acq: 17 Feb 2022 12:42

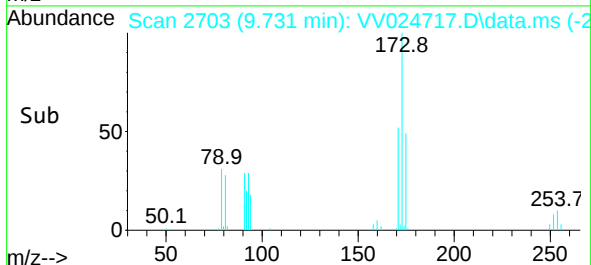
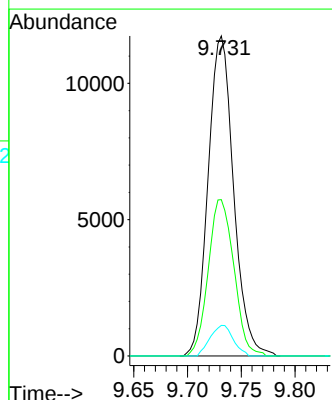
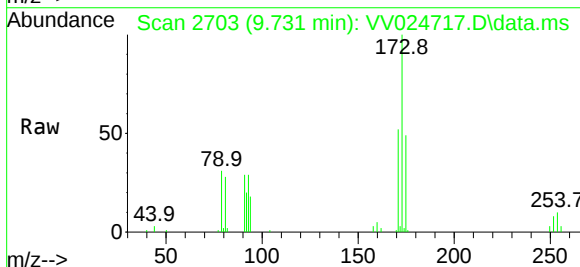
Tgt Ion: 173 Resp: 19338

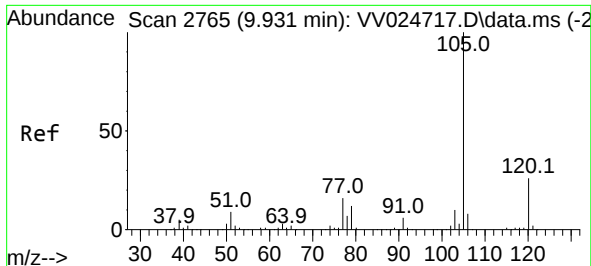
Ion Ratio Lower Upper

173 100

175 49.2 39.4 59.0

254 8.7 7.0 10.4

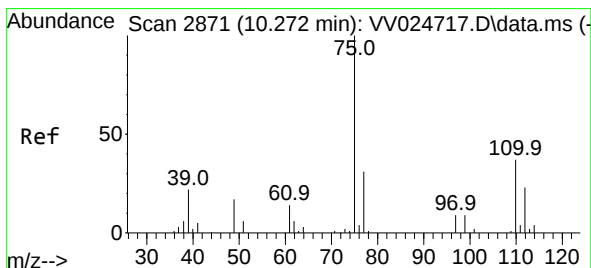
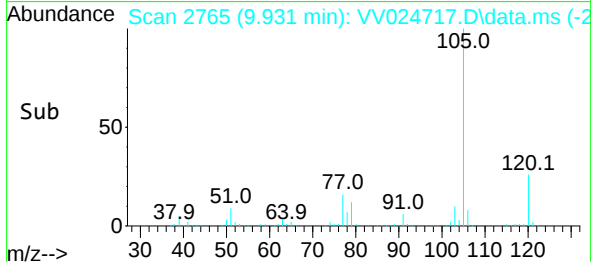
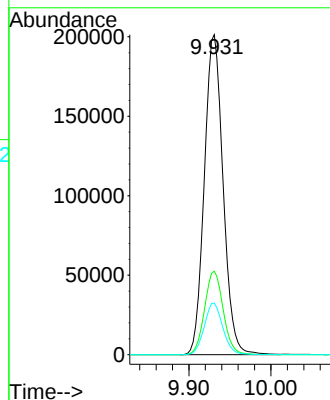
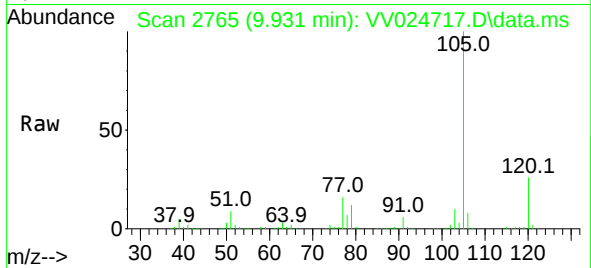




#60
Isopropylbenzene
Concen: 4.686 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV024717.D
Acq: 17 Feb 2022 12:42

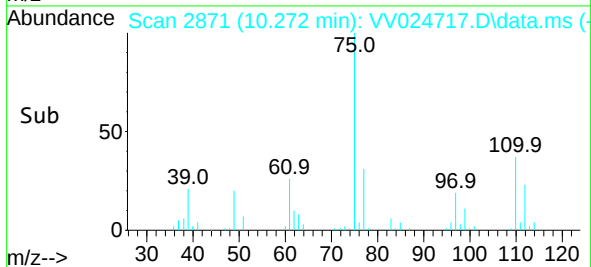
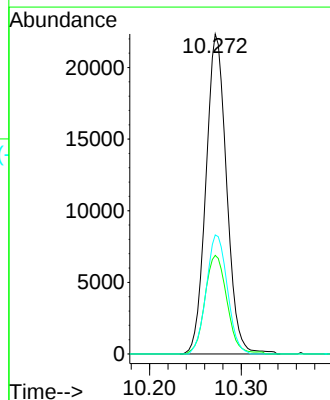
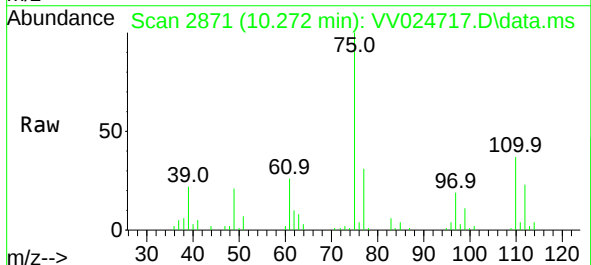
Instrument :
MSVOA_V
ClientSampleId :
VSTD005216

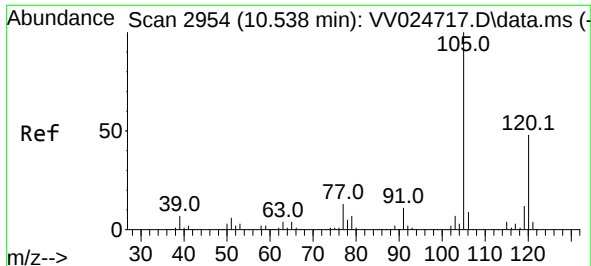
Tgt Ion:105 Resp: 320040
Ion Ratio Lower Upper
105 100
120 25.9 20.7 31.1
77 15.9 12.7 19.1



#61
1,2,3-Trichloropropane
Concen: 4.722 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV024717.D
Acq: 17 Feb 2022 12:42

Tgt Ion: 75 Resp: 34915
Ion Ratio Lower Upper
75 100
77 32.9 26.3 39.5
110 37.9 30.3 45.5





#62

1,3,5-Trimethylbenzene

Concen: 4.558 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV024717.D

Acq: 17 Feb 2022 12:42

Instrument :

MSVOA_V

ClientSampleId :

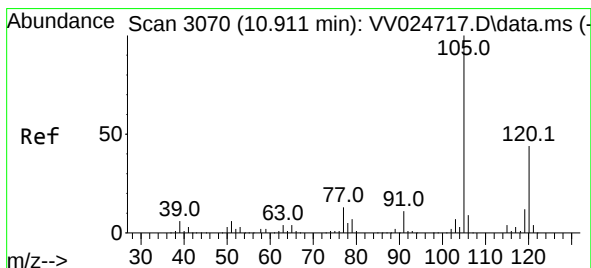
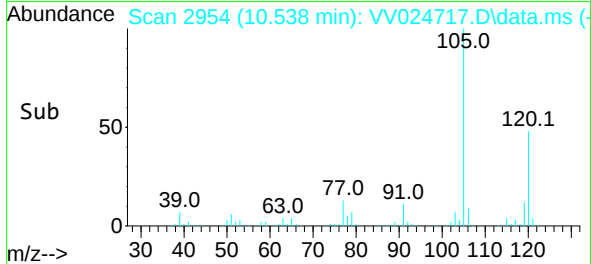
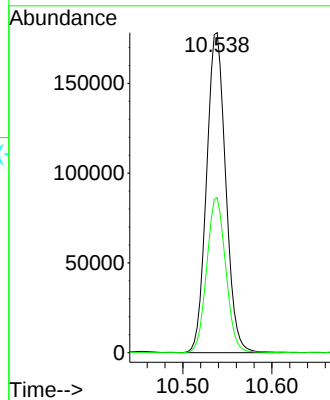
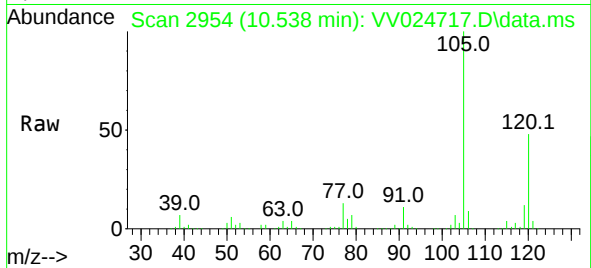
VSTD005216

Tgt Ion:105 Resp: 265795

Ion Ratio Lower Upper

105 100

120 48.2 38.6 57.8



#63

1,2,4-Trimethylbenzene

Concen: 4.608 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV024717.D

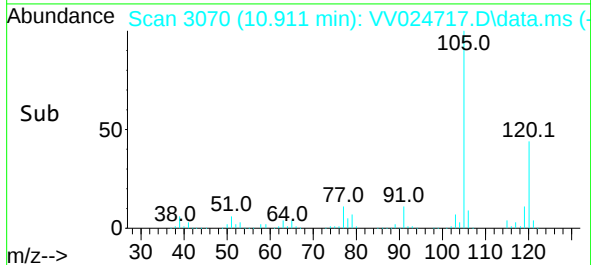
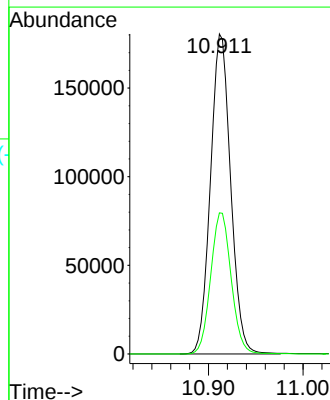
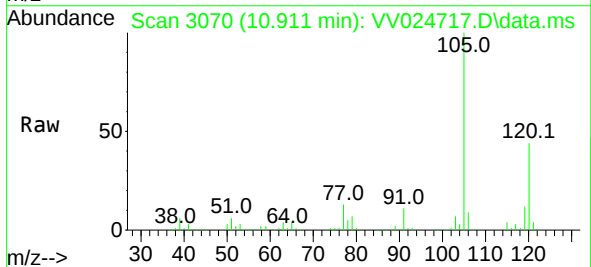
Acq: 17 Feb 2022 12:42

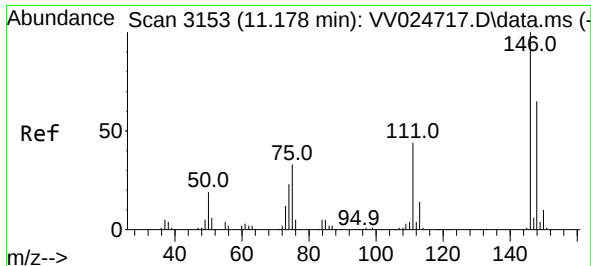
Tgt Ion:105 Resp: 267353

Ion Ratio Lower Upper

105 100

120 44.9 35.9 53.9

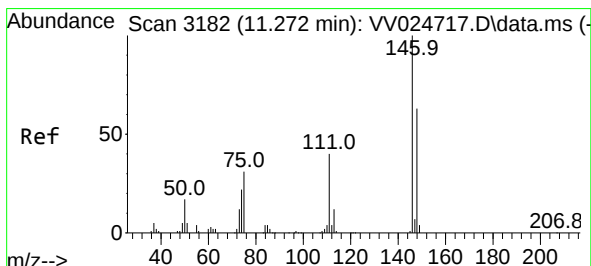
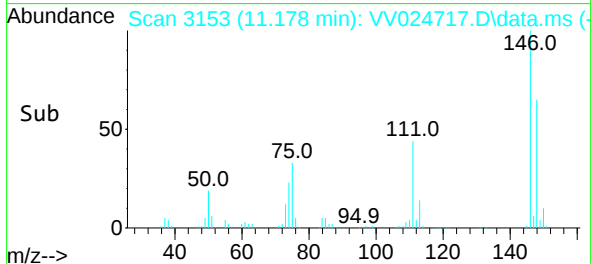
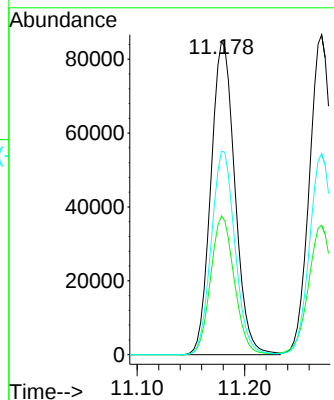
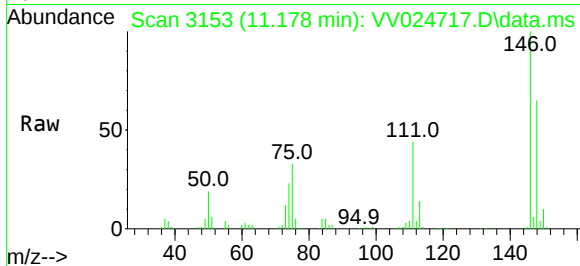




#64
 1,3-Dichlorobenzene
 Concen: 4.709 ug/L
 RT: 11.178 min Scan# 3153
 Delta R.T. 0.000 min
 Lab File: VV024717.D
 Acq: 17 Feb 2022 12:42

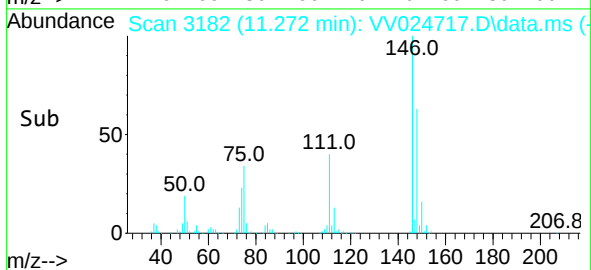
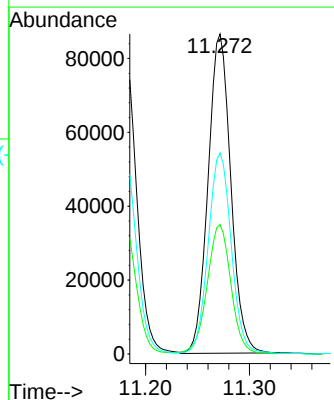
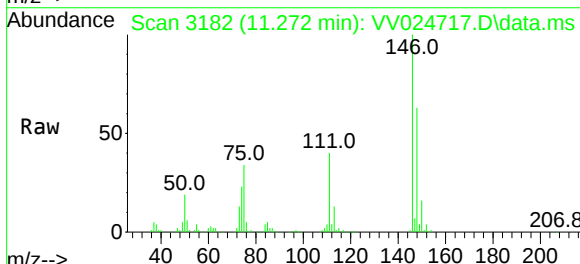
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005216

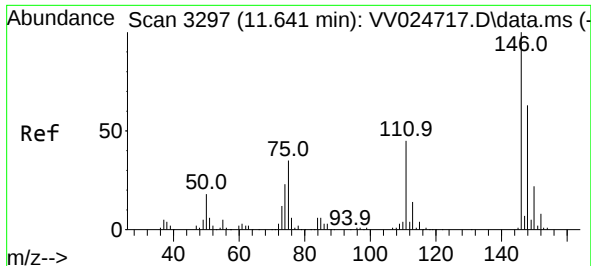
Tgt Ion:146 Resp: 131476
 Ion Ratio Lower Upper
 146 100
 111 44.3 31.0 57.6
 148 64.9 45.4 84.4



#65
 1,4-Dichlorobenzene
 Concen: 4.732 ug/L
 RT: 11.272 min Scan# 3182
 Delta R.T. 0.000 min
 Lab File: VV024717.D
 Acq: 17 Feb 2022 12:42

Tgt Ion:146 Resp: 131103
 Ion Ratio Lower Upper
 146 100
 111 40.5 28.3 52.7
 148 62.9 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 4.679 ug/L

RT: 11.641 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV024717.D

Acq: 17 Feb 2022 12:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD005216

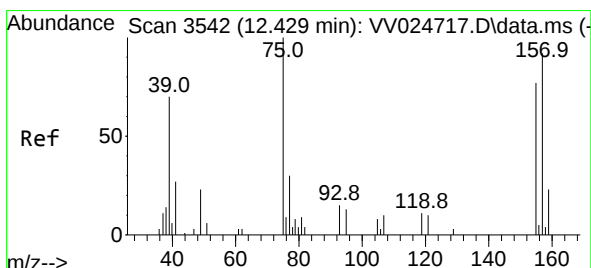
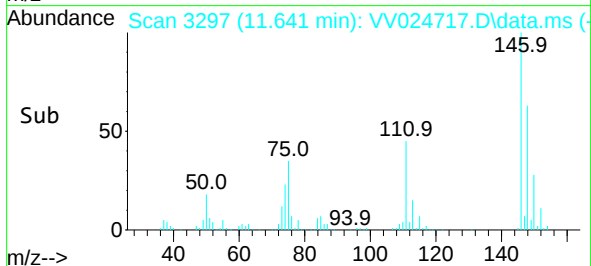
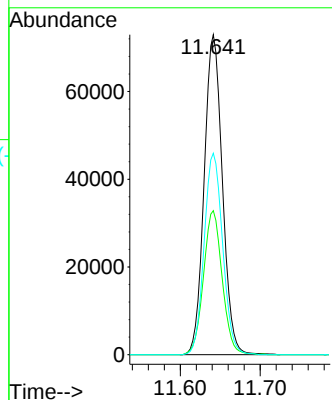
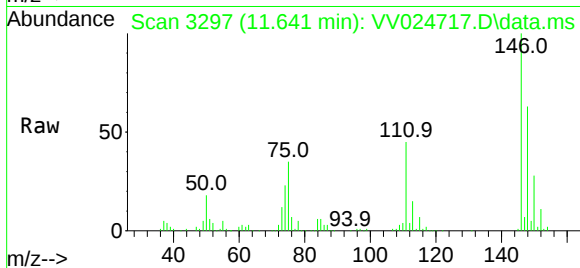
Tgt Ion:146 Resp: 115883

Ion Ratio Lower Upper

146 100

111 45.0 36.0 54.0

148 63.0 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 4.353 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.000 min

Lab File: VV024717.D

Acq: 17 Feb 2022 12:42

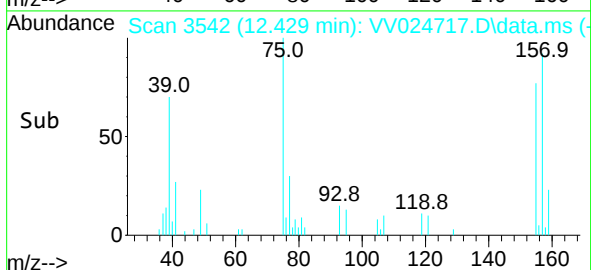
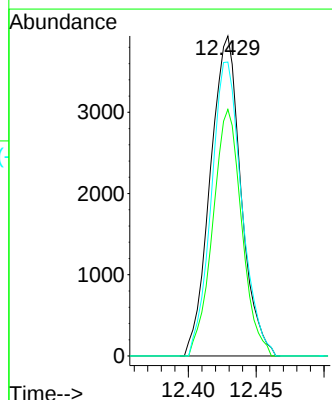
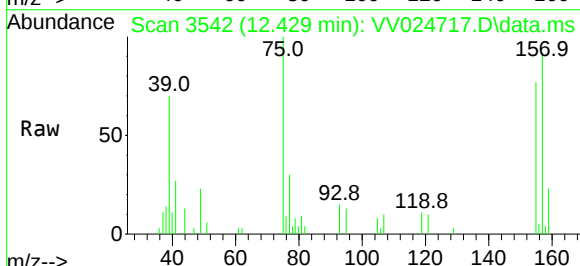
Tgt Ion: 75 Resp: 6229

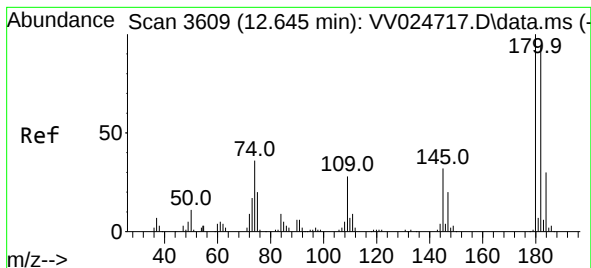
Ion Ratio Lower Upper

75 100

155 77.1 61.7 92.5

157 91.9 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 4.734 ug/L

RT: 12.645 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV024717.D

Acq: 17 Feb 2022 12:42

Instrument :

MSVOA_V

ClientSampleId :

VSTD005216

Tgt Ion:180 Resp: 93821

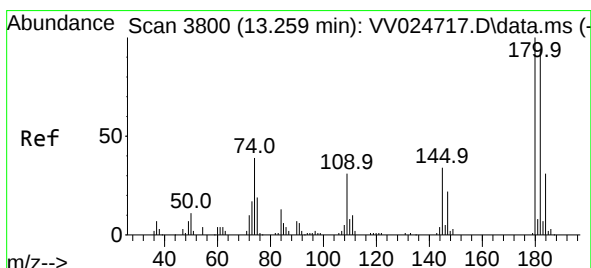
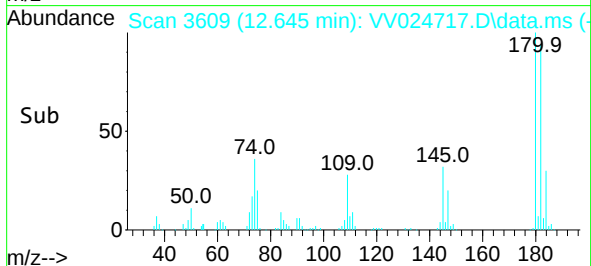
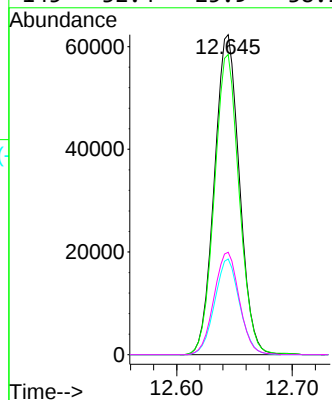
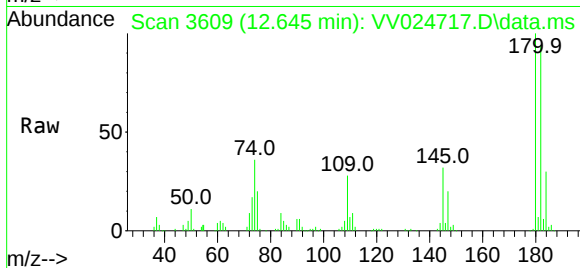
Ion Ratio Lower Upper

180 100

182 93.2 74.6 111.8

184 29.8 23.8 35.8

145 32.4 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 4.676 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV024717.D

Acq: 17 Feb 2022 12:42

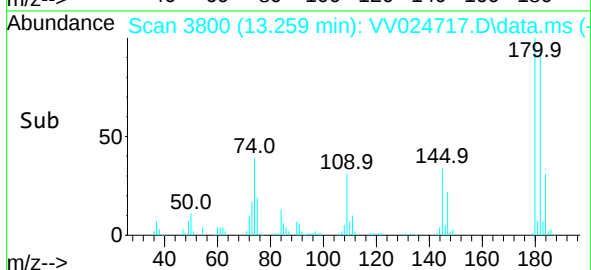
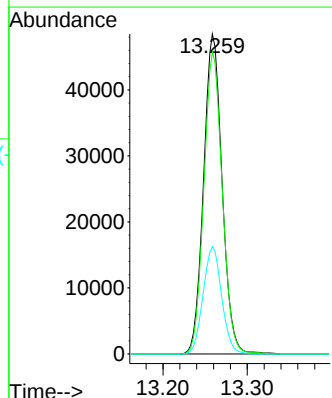
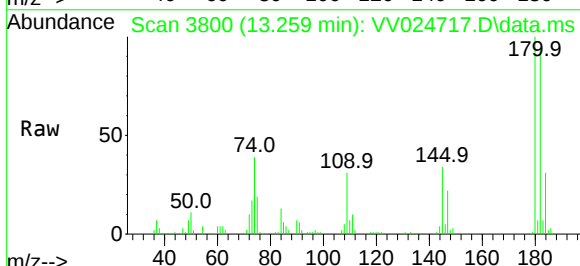
Tgt Ion:180 Resp: 74176

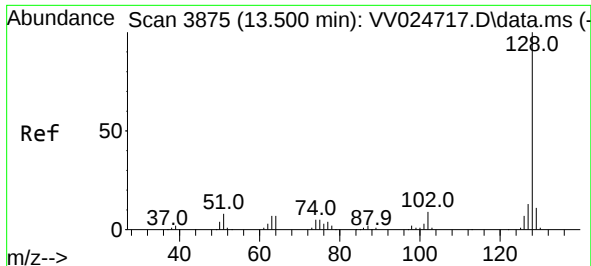
Ion Ratio Lower Upper

180 100

182 93.8 75.0 112.6

145 33.6 26.9 40.3

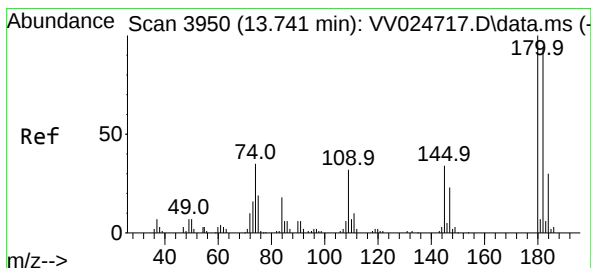
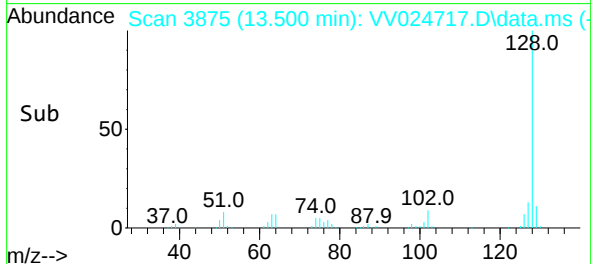
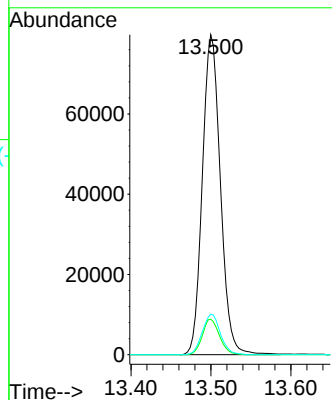
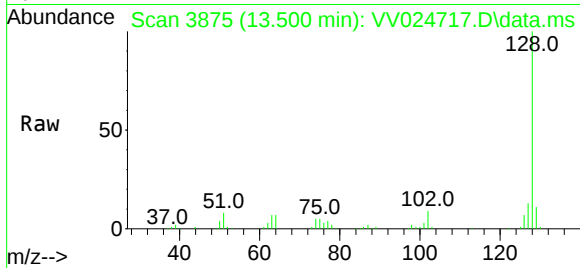




#71
Naphthalene
Concen: 4.408 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. 0.000 min
Lab File: VV024717.D
Acq: 17 Feb 2022 12:42

Instrument :
MSVOA_V
ClientSampleId :
VSTD005216

Tgt Ion:128 Resp: 125383
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.658 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VV024717.D
Acq: 17 Feb 2022 12:42

Tgt Ion:180 Resp: 62197
Ion Ratio Lower Upper
180 100
182 94.5 75.6 113.4
145 35.6 28.5 42.7

