

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040822\
 Data File : VV025404.D
 Acq On : 08 Apr 2022 12:10
 Operator : SY/MD
 Sample : VSTD00533
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005233

Quant Time: Apr 09 04:22:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 04:20:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	194074	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	192617	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	104465	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	92599	5.102	ug/L	0.00
7) Chloroethane-d5	1.568	69	94405	5.951	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	178415	4.611	ug/L	0.00
20) 2-Butanone-d5	3.886	46	115774	60.764	ug/L	0.00
24) Chloroform-d	4.349	84	140109	5.746	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	61365	5.734	ug/L	0.00
32) Benzene-d6	5.053	84	286818	5.754	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	80254	5.733	ug/L	0.00
41) Toluene-d8	7.317	98	268262	5.877	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	26747	5.865	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	94638	58.021	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	49081	5.346	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	90055	5.312	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	73743	4.057	ug/L	100
3) Chloromethane	1.243	50	81711	3.812	ug/L	100
5) Vinyl chloride	1.314	62	90858	3.793	ug/L	100
6) Bromomethane	1.523	94	62911	4.316	ug/L	100
8) Chloroethane	1.587	64	65493	4.267	ug/L	100
9) Trichlorofluoromethane	1.754	101	125423	3.883	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	70182	3.647	ug/L	100
12) 1,1-Dichloroethene	2.121	96	69229	3.784	ug/L	100
13) Acetone	2.172	43	60942	44.678	ug/L	100
14) Carbon disulfide	2.298	76	169053	4.388	ug/L	100
15) Methyl Acetate	2.439	43	13719	4.464	ug/L	100
16) Methylene chloride	2.510	84	61004	4.121	ug/L	100
17) Methyl tert-butyl Ether	2.770	73	105420	4.442	ug/L	100
18) trans-1,2-Dichloroethene	2.764	96	58566	4.385	ug/L	100
19) 1,1-Dichloroethane	3.191	63	99155	4.432	ug/L	100
21) 2-Butanone	3.970	43	85035	46.211	ug/L	100
22) cis-1,2-Dichloroethene	3.915	96	63824	4.621	ug/L	100
23) Bromochloromethane	4.252	128	25823	4.562	ug/L	100
25) Chloroform	4.378	83	106525	4.308	ug/L	100
27) 1,2-Dichloroethane	5.133	62	55673	4.346	ug/L	100
29) 1,1,1-Trichloroethane	4.609	97	91833	4.188	ug/L	100
30) Cyclohexane	4.680	56	83941	4.255	ug/L	100
31) Carbon tetrachloride	4.831	117	77943	4.120	ug/L	100
33) Benzene	5.101	78	236210	4.401	ug/L	100
34) Trichloroethene	5.915	95	63254	4.280	ug/L	100
35) Methylcyclohexane	6.130	83	95981	4.169	ug/L	100
37) 1,2-Dichloropropane	6.175	63	53414	4.286	ug/L	100
38) Bromodichloromethane	6.513	83	66974	4.253	ug/L	100
39) cis-1,3-Dichloropropene	7.027	75	69665	4.328	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	219532	43.945	ug/L	100
42) Toluene	7.387	91	257489	4.509	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	54622	4.303	ug/L	100

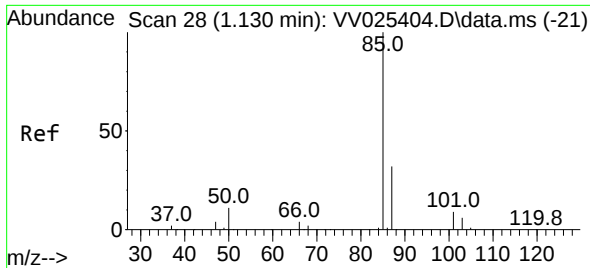
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040822\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 04:20:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	36383	4.289	ug/L	100
47) Tetrachloroethene	7.976	164	48053	4.432	ug/L	100
48) 2-Hexanone	8.140	43	157993	44.529	ug/L	100
49) Dibromochloromethane	8.246	129	39930	4.350	ug/L	100
50) 1,2-Dibromoethane	8.352	107	34544	4.342	ug/L	100
51) Chlorobenzene	8.879	112	160597	4.340	ug/L	100
52) Ethylbenzene	9.011	91	267830	4.419	ug/L	100
53) m,p-Xylene	9.140	106	104025	4.407	ug/L	100
54) o-Xylene	9.542	106	100219	4.459	ug/L	100
55) Styrene	9.561	104	167509	4.539	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	36038	4.103	ug/L	100
59) Bromoform	9.731	173	17072	4.228	ug/L	100
60) Isopropylbenzene	9.931	105	264198	4.085	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	27976	3.811	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	116035	3.978	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	212505	4.111	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	121738	4.010	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	124426	4.065	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	107684	4.036	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	4760	3.607	ug/L	100
69) 1,3,5-Trichlorobenzene	12.644	180	89530	4.055	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	69533	4.162	ug/L	100
71) Naphthalene	13.500	128	100781	3.897	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	57664	4.023	ug/L	100

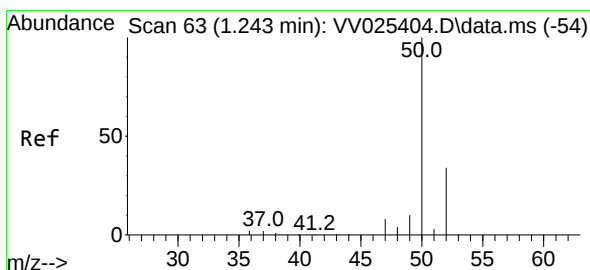
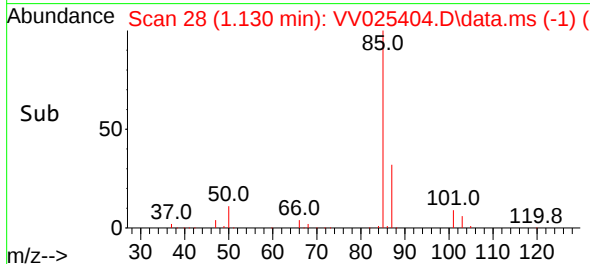
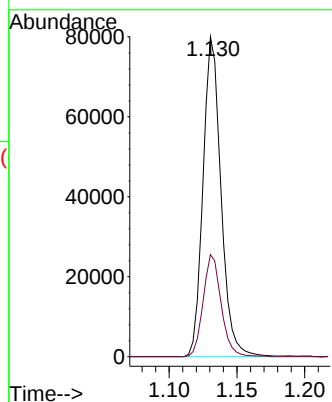
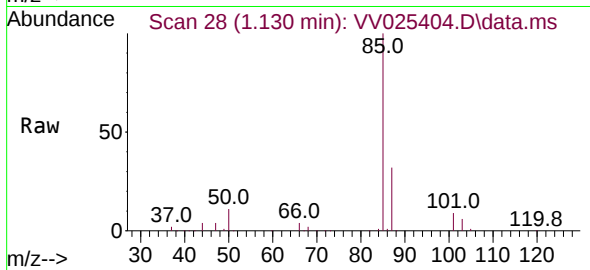
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#2
 Dichlorodifluoromethane
 Concen: 4.057 ug/L
 RT: 1.130 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV025404.D
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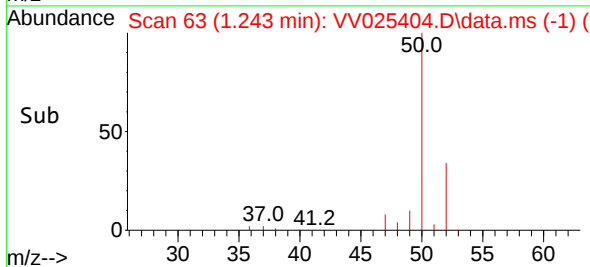
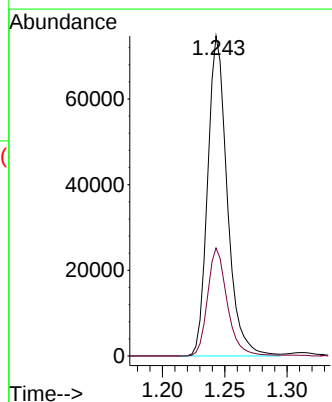
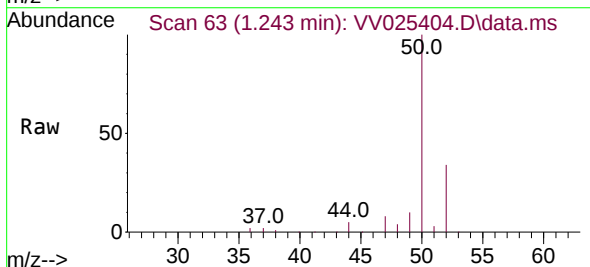
Instrument :
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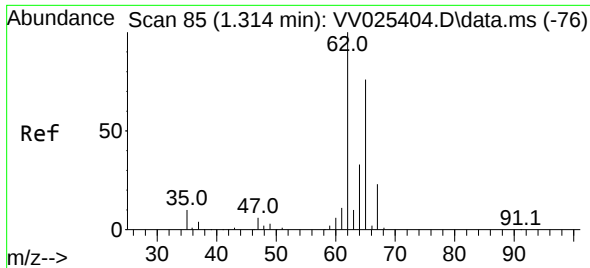
Tgt Ion: 85 Resp: 73743
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.6 38.4



#3
 Chloromethane
 Concen: 3.812 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.000 min
 Lab File: VV025404.D
 Acq: 08 Apr 2022 12:10

Tgt Ion: 50 Resp: 81711
 Ion Ratio Lower Upper
 50 100
 52 33.8 23.7 43.9

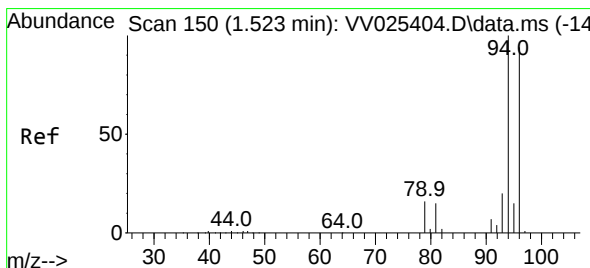
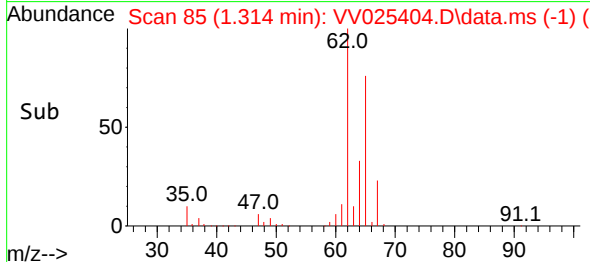
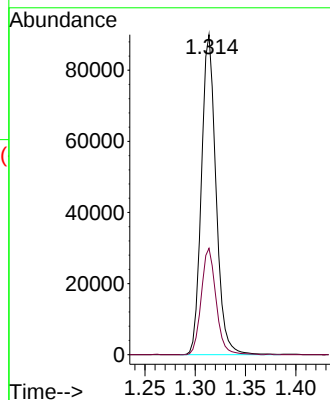
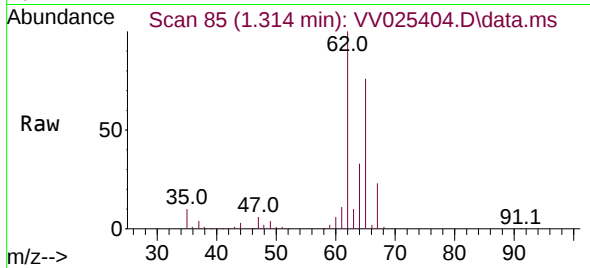




#5
 Vinyl chloride
 Concen: 3.793 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. 0.000 min
 Lab File: VV025404.D
 Acq: 08 Apr 2022 12:10

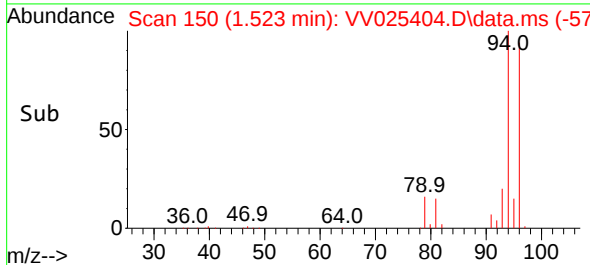
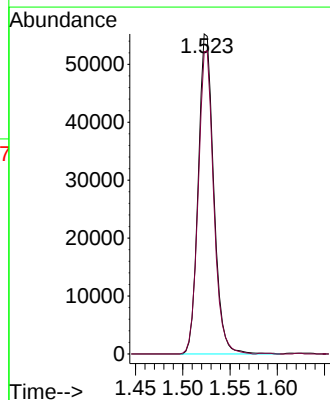
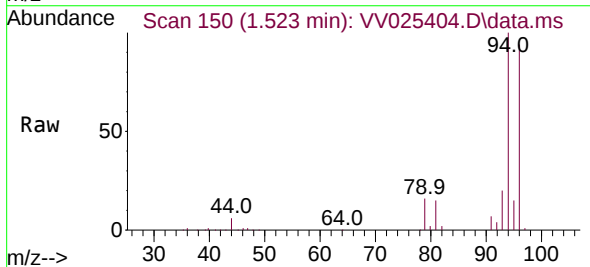
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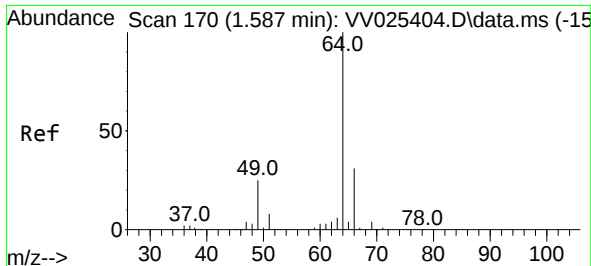
Tgt Ion: 62 Resp: 90858
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.2 43.2



#6
 Bromomethane
 Concen: 4.316 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV025404.D
 Acq: 08 Apr 2022 12:10

Tgt Ion: 94 Resp: 62911
 Ion Ratio Lower Upper
 94 100
 96 94.4 66.1 122.7

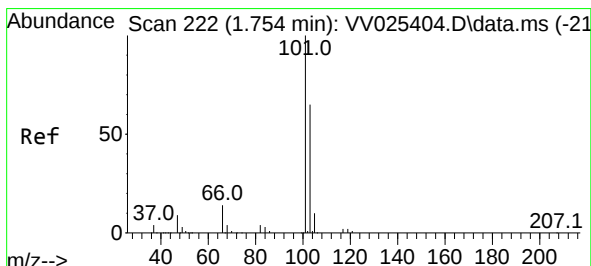
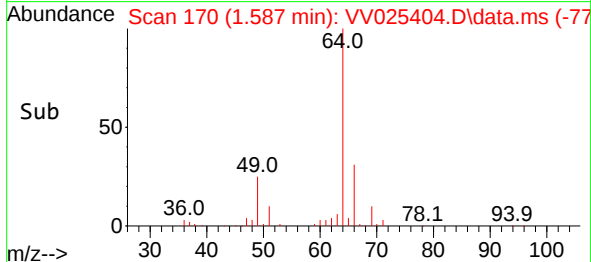
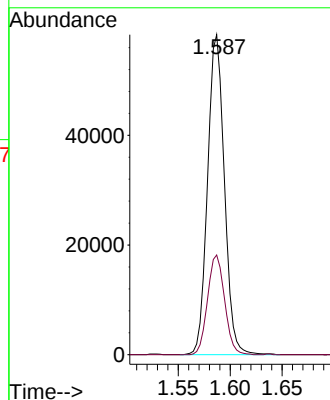
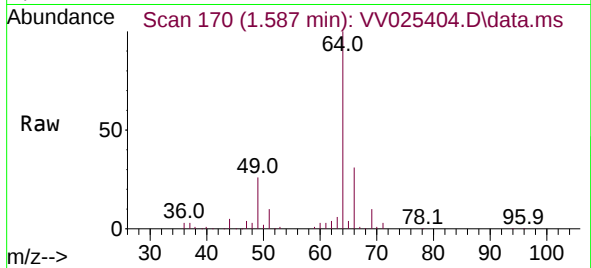




#8
Chloroethane
Concen: 4.267 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV025404.D
Acq: 08 Apr 2022 12:10

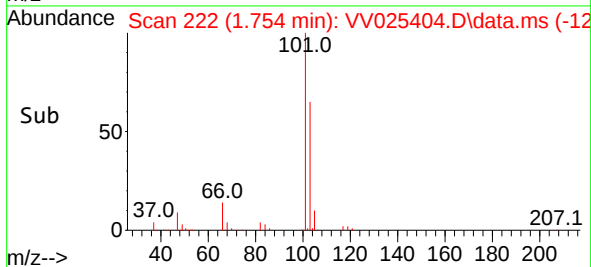
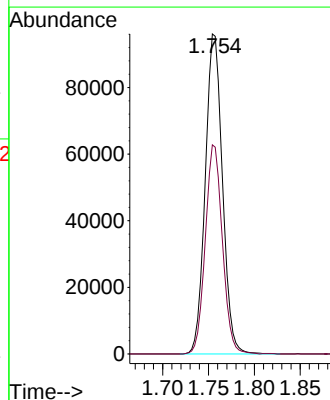
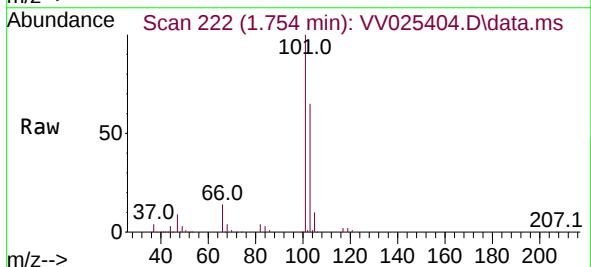
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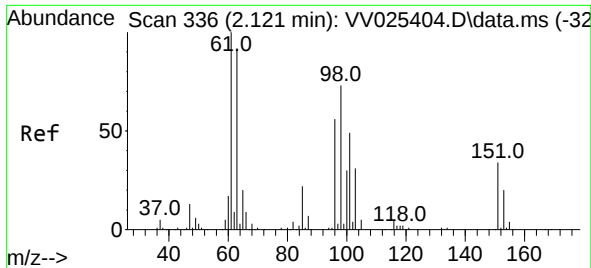
Tgt Ion: 64 Resp: 65493
Ion Ratio Lower Upper
64 100
66 31.2 21.8 40.6



#9
Trichlorofluoromethane
Concen: 3.883 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.000 min
Lab File: VV025404.D
Acq: 08 Apr 2022 12:10

Tgt Ion:101 Resp: 125423
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9

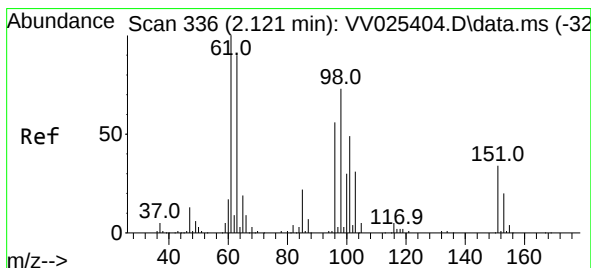
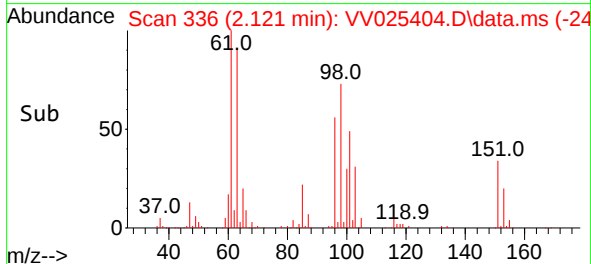
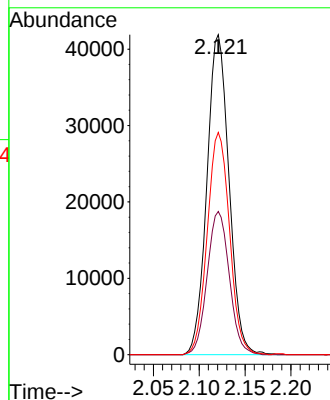
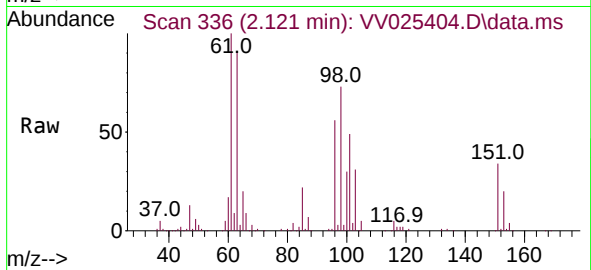




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.647 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025404.D
 Acq: 08 Apr 2022 12:10

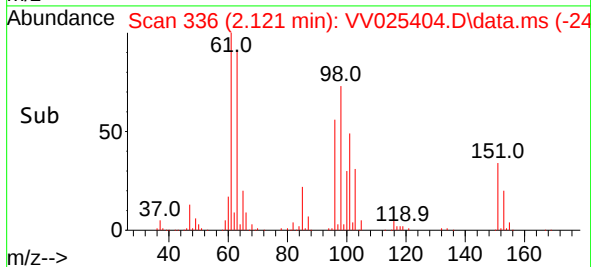
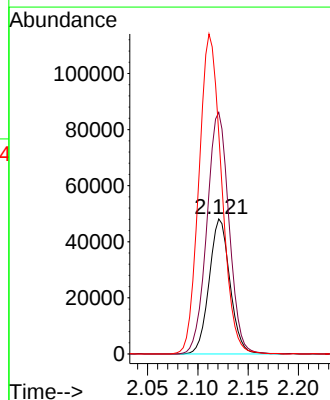
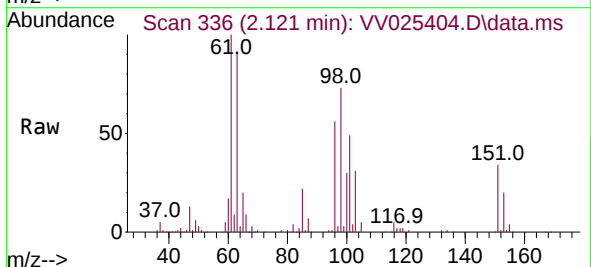
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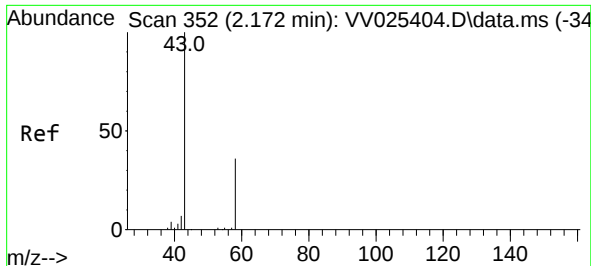
Tgt Ion: 101 Resp: 70182
 Ion Ratio Lower Upper
 101 100
 85 44.9 35.9 53.9
 151 70.0 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 3.784 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV025404.D
 Acq: 08 Apr 2022 12:10

Tgt Ion: 96 Resp: 69229
 Ion Ratio Lower Upper
 96 100
 61 178.8 125.2 232.4
 63 163.4 114.4 212.4





#13

Acetone

Concen: 44.678 ug/L

RT: 2.172 min Scan# 352

Delta R.T. 0.000 min

Lab File: VV025404.D

Acq: 08 Apr 2022 12:10

Instrument :

MSVOA_V

ClientSampleId :

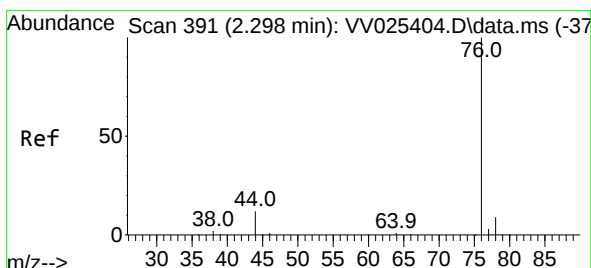
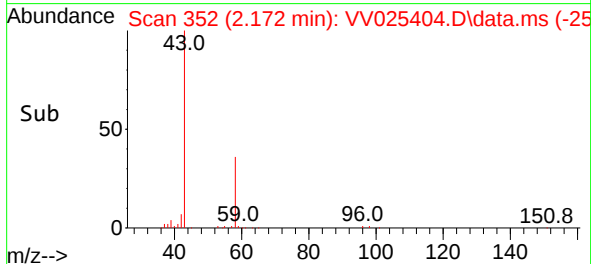
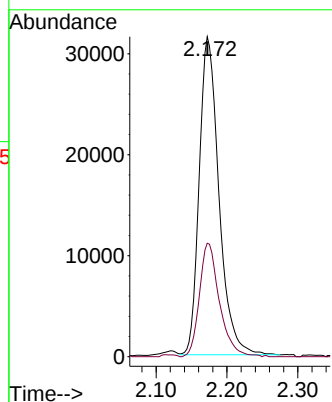
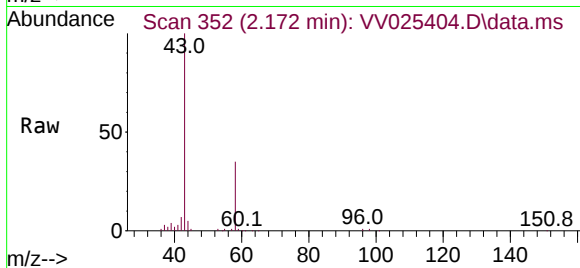
VSTD005233

Tgt Ion: 43 Resp: 60942

Ion Ratio Lower Upper

43 100

58 36.1 0.0 72.2



#14

Carbon disulfide

Concen: 4.388 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.000 min

Lab File: VV025404.D

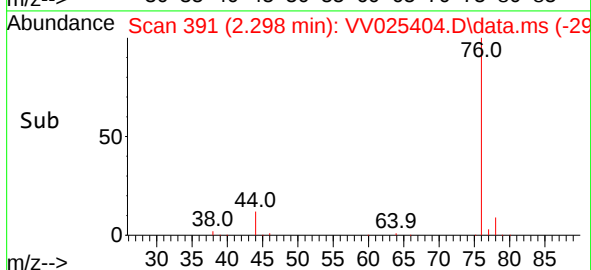
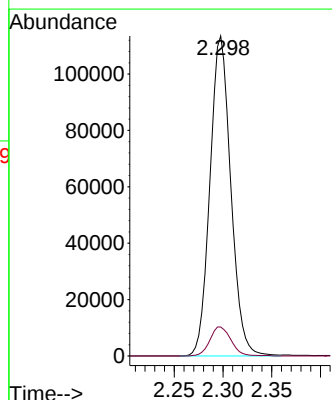
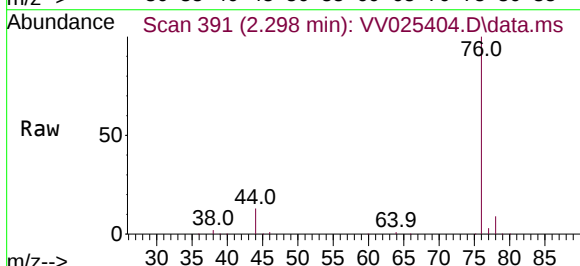
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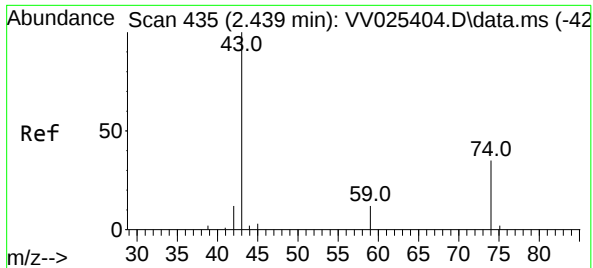
Tgt Ion: 76 Resp: 169053

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

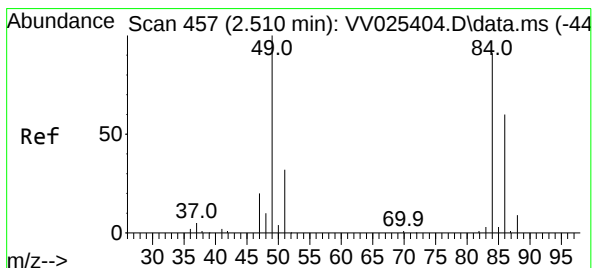
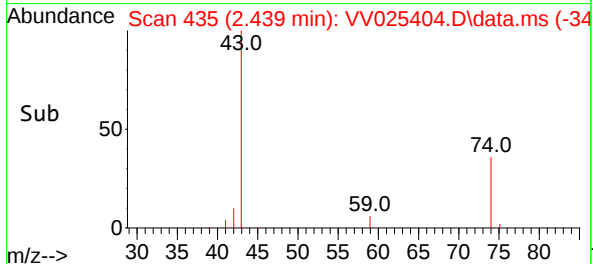
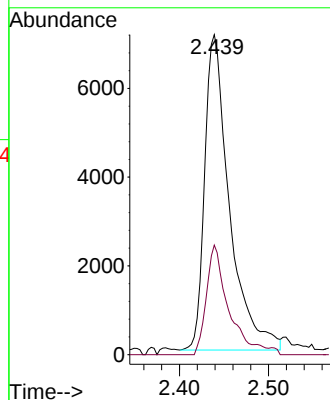
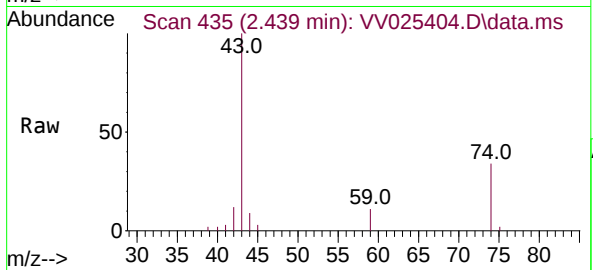




#15
Methyl Acetate
Concen: 4.464 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV025404.D
Acq: 08 Apr 2022 12:10

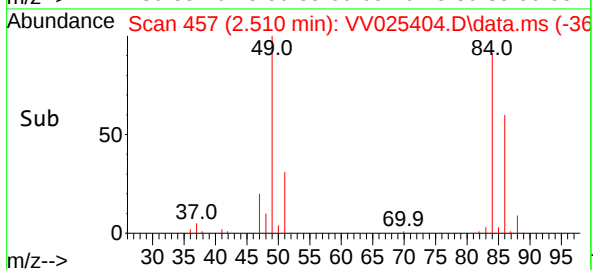
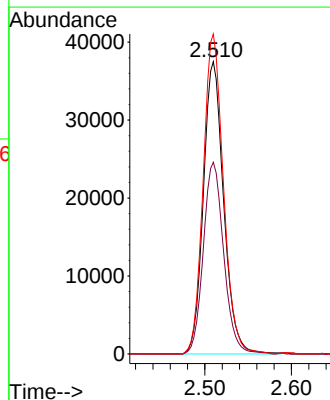
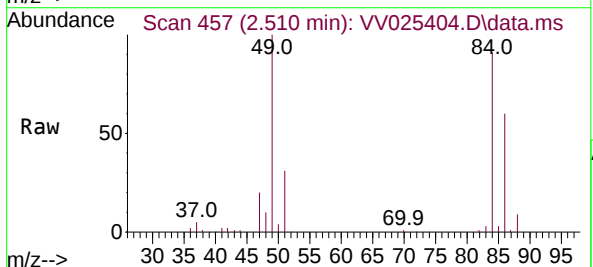
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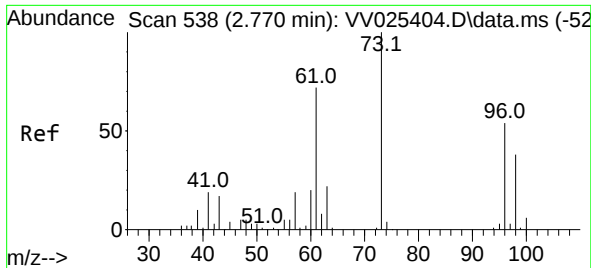
Tgt Ion: 43 Resp: 13719
Ion Ratio Lower Upper
43 100
74 31.5 25.2 37.8



#16
Methylene chloride
Concen: 4.121 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.000 min
Lab File: VV025404.D
Acq: 08 Apr 2022 12:10

Tgt Ion: 84 Resp: 61004
Ion Ratio Lower Upper
84 100
86 65.6 45.9 85.3
49 109.5 76.6 142.3

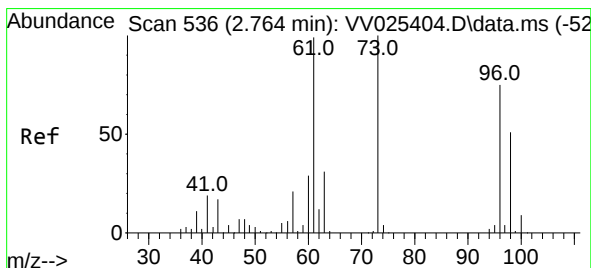
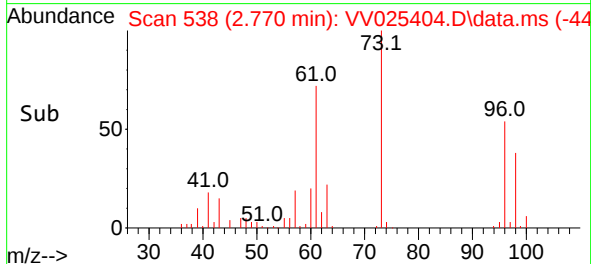
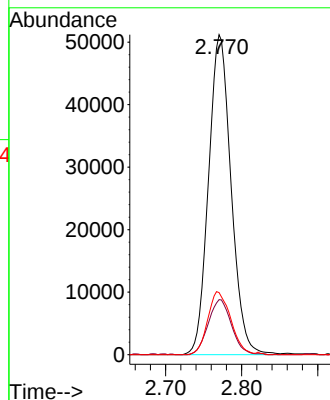
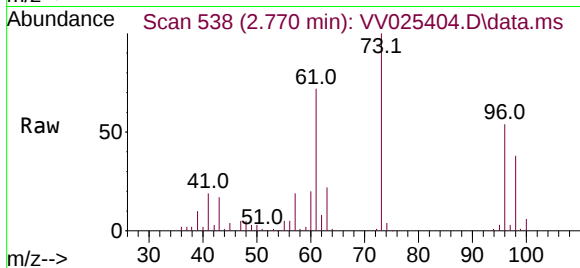




#17
Methyl tert-butyl Ether
Concen: 4.442 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV025404.D
Acq: 08 Apr 2022 12:10

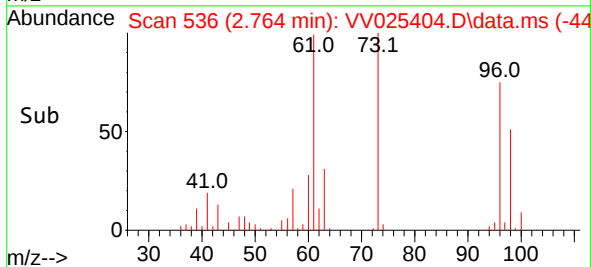
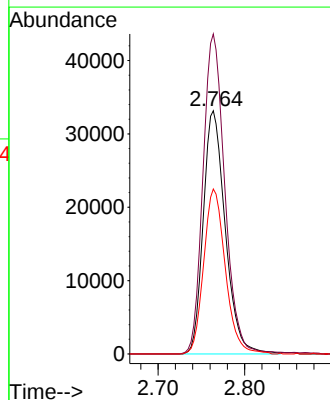
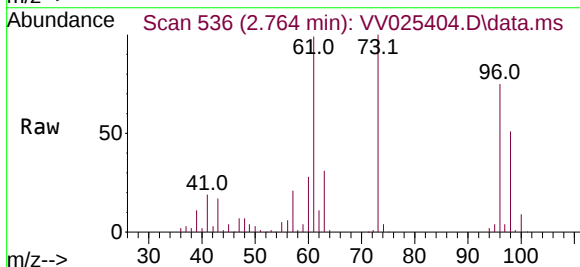
Instrument :
MSVOA_V
ClientSampleId :
VSTD005233

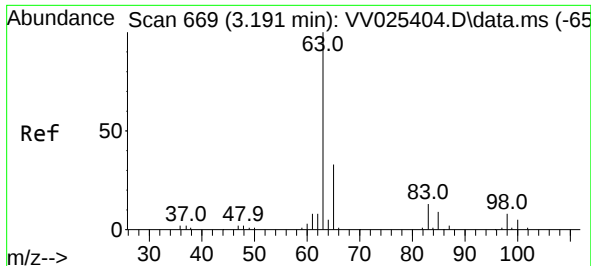
Tgt Ion: 73 Resp: 105420
Ion Ratio Lower Upper
73 100
43 17.8 14.2 21.4
57 20.1 16.1 24.1



#18
trans-1,2-Dichloroethene
Concen: 4.385 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.000 min
Lab File: VV025404.D
Acq: 08 Apr 2022 12:10

Tgt Ion: 96 Resp: 58566
Ion Ratio Lower Upper
96 100
61 131.6 92.1 171.1
98 67.8 47.5 88.1





#19

1,1-Dichloroethane

Concen: 4.432 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.000 min

Lab File: VV025404.D

Acq: 08 Apr 2022 12:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD005233

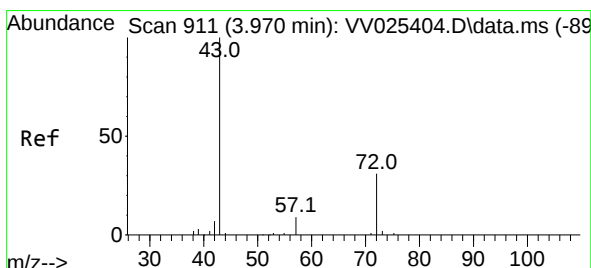
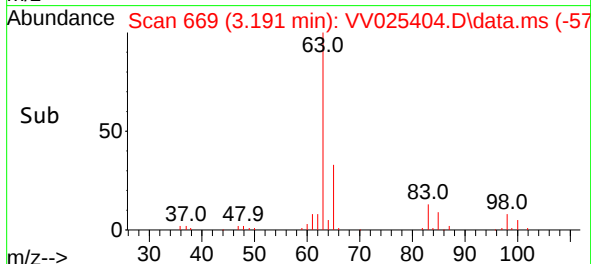
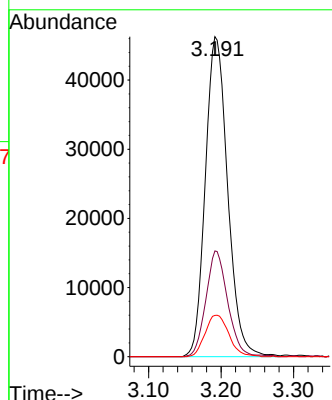
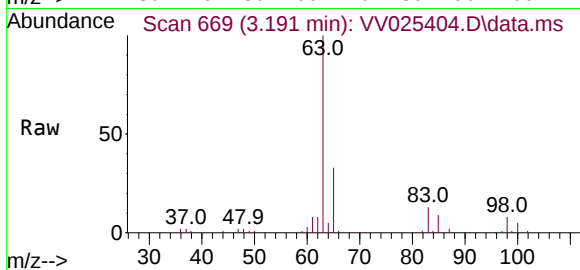
Tgt Ion: 63 Resp: 99155

Ion Ratio Lower Upper

63 100

65 33.1 23.2 43.0

83 12.9 9.0 16.8



#21

2-Butanone

Concen: 46.211 ug/L

RT: 3.970 min Scan# 911

Delta R.T. 0.000 min

Lab File: VV025404.D

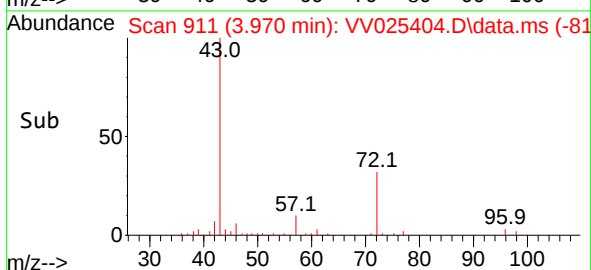
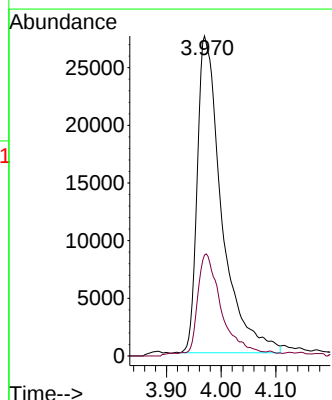
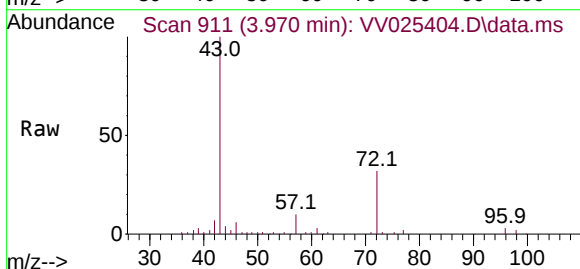
Acq: 08 Apr 2022 12:10

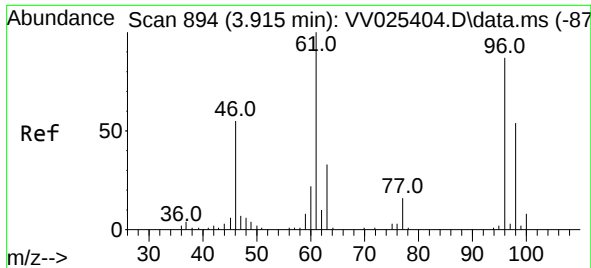
Tgt Ion: 43 Resp: 85035

Ion Ratio Lower Upper

43 100

72 30.4 15.2 45.6



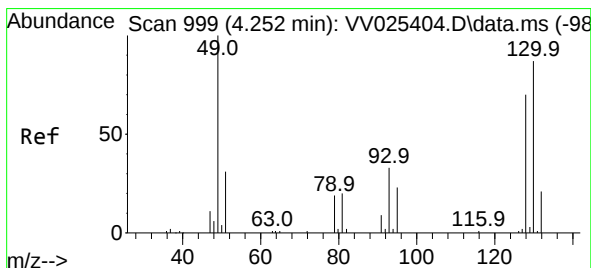
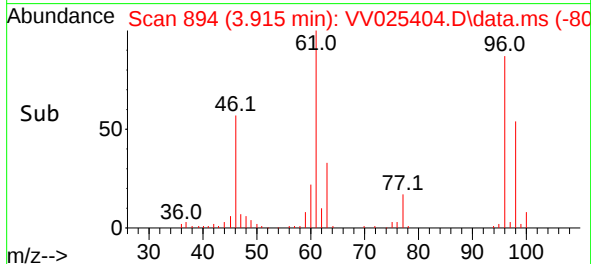
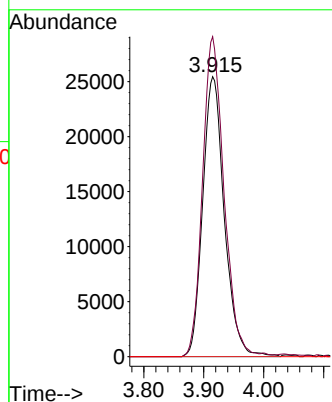
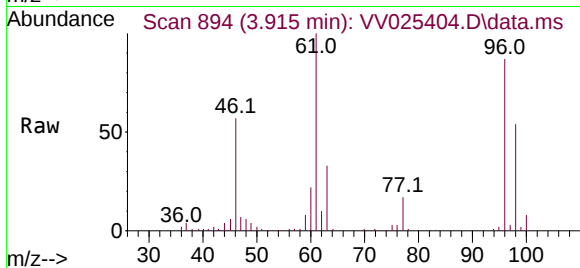


#22
 cis-1,2-Dichloroethene
 Concen: 4.621 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.000 min
 Lab File: VV025404.D
 Acq: 08 Apr 2022 12:10

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005233

Tgt Ion: 96 Resp: 63824

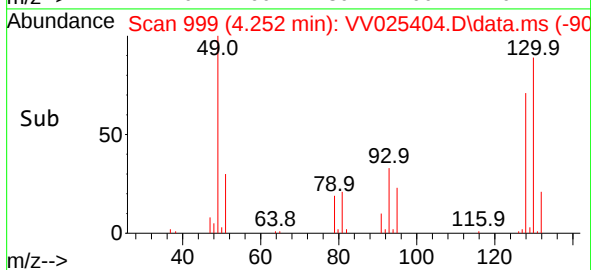
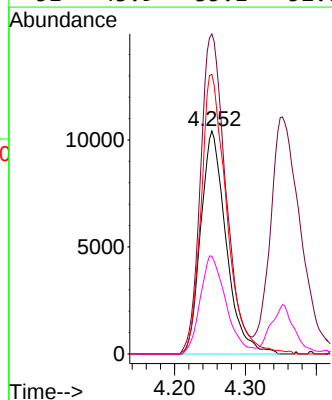
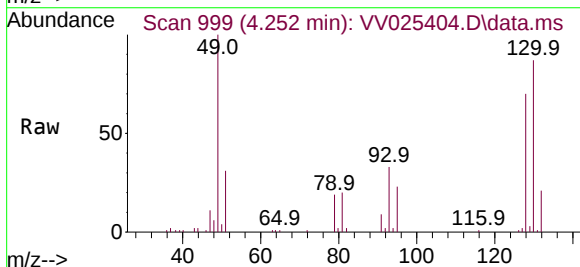
Ion	Ratio	Lower	Upper
96	100		
61	114.3	80.0	148.6
68	0.0	0.0	0.0

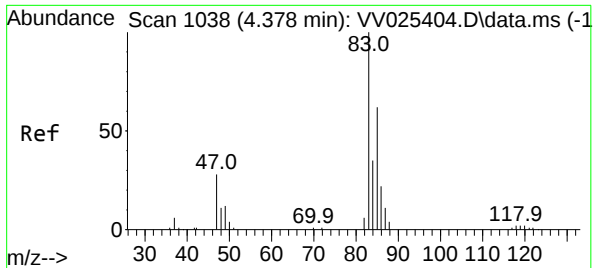


#23
 Bromochloromethane
 Concen: 4.562 ug/L
 RT: 4.252 min Scan# 999
 Delta R.T. 0.000 min
 Lab File: VV025404.D
 Acq: 08 Apr 2022 12:10

Tgt Ion: 128 Resp: 25823

Ion	Ratio	Lower	Upper
128	100		
49	143.6	100.5	186.7
130	125.4	87.8	163.0
51	43.9	35.1	52.7





#25

Chloroform

Concen: 4.308 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV025404.D

Acq: 08 Apr 2022 12:10

Instrument :

MSVOA_V

ClientSampleId :

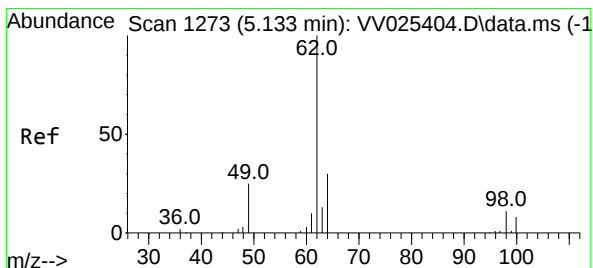
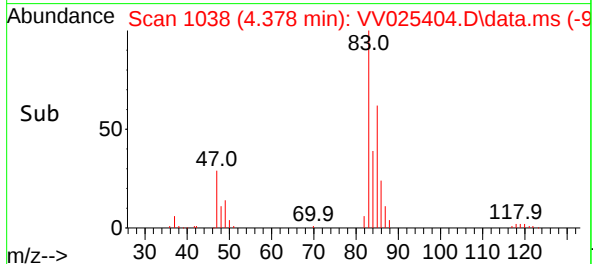
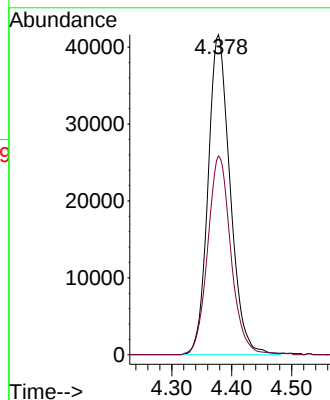
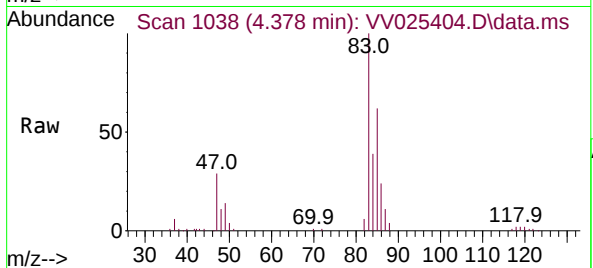
VSTD005233

Tgt Ion: 83 Resp: 106525

Ion Ratio Lower Upper

83 100

85 62.1 43.5 80.7



#27

1,2-Dichloroethane

Concen: 4.346 ug/L

RT: 5.133 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VV025404.D

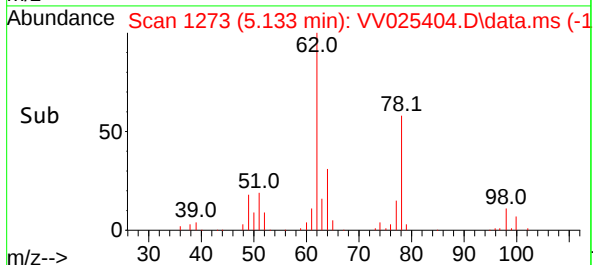
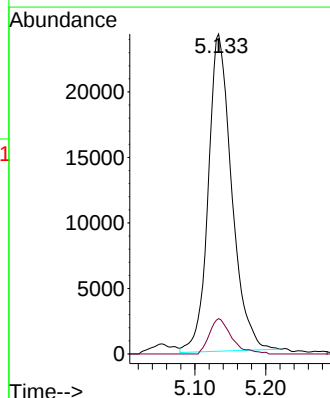
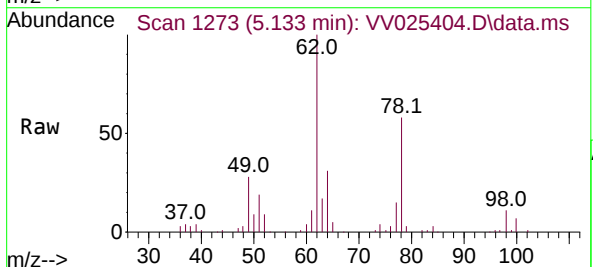
Acq: 08 Apr 2022 12:10

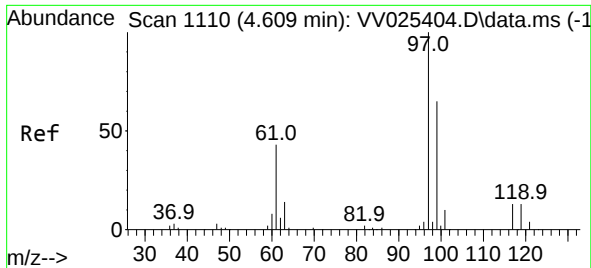
Tgt Ion: 62 Resp: 55673

Ion Ratio Lower Upper

62 100

98 11.0 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 4.188 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VV025404.D

Acq: 08 Apr 2022 12:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD005233

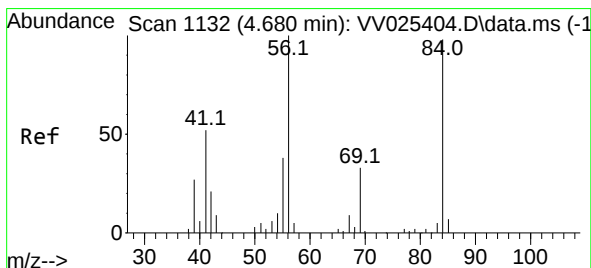
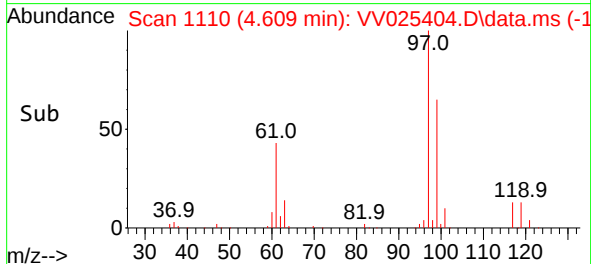
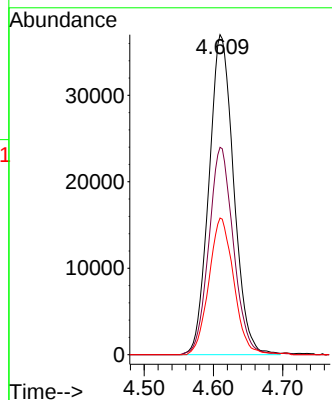
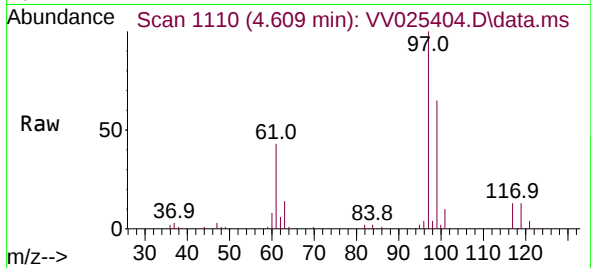
Tgt Ion: 97 Resp: 91833

Ion Ratio Lower Upper

97 100

99 64.4 51.5 77.3

61 42.9 34.3 51.5



#30

Cyclohexane

Concen: 4.255 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VV025404.D

Acq: 08 Apr 2022 12:10

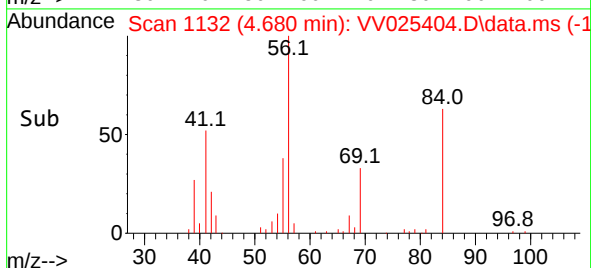
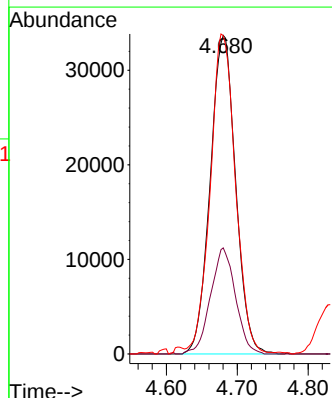
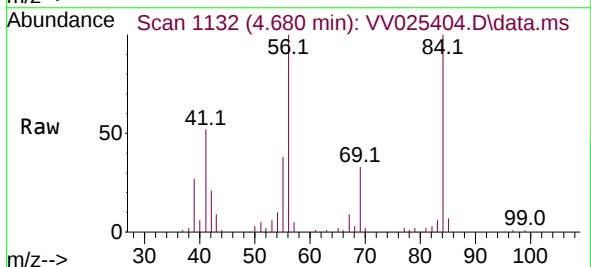
Tgt Ion: 56 Resp: 83941

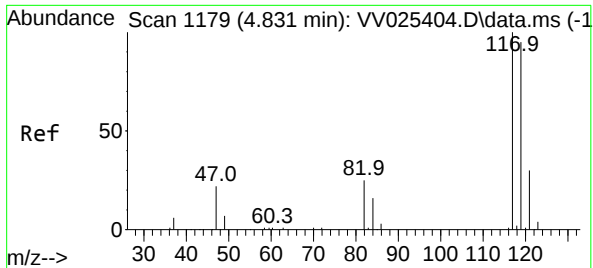
Ion Ratio Lower Upper

56 100

69 32.6 26.1 39.1

84 98.3 78.6 118.0

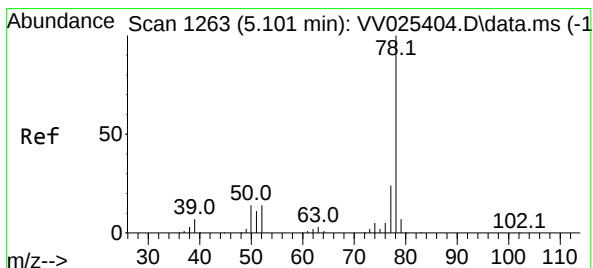
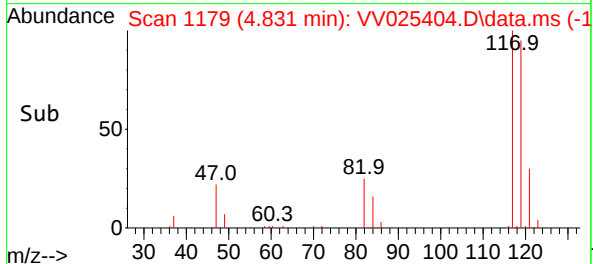
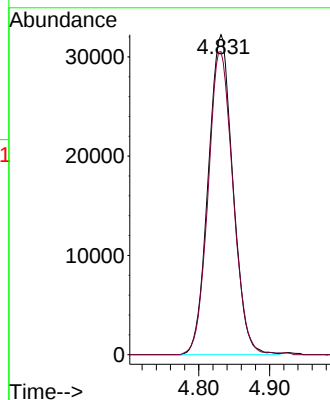
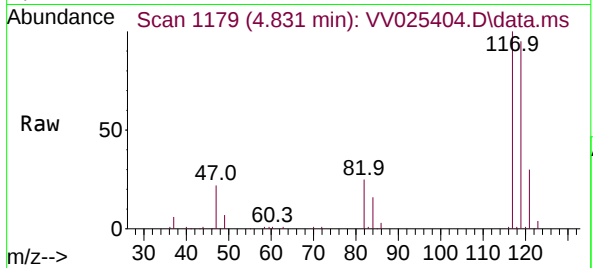




#31
Carbon tetrachloride
Concen: 4.120 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VV025404.D
Acq: 08 Apr 2022 12:10

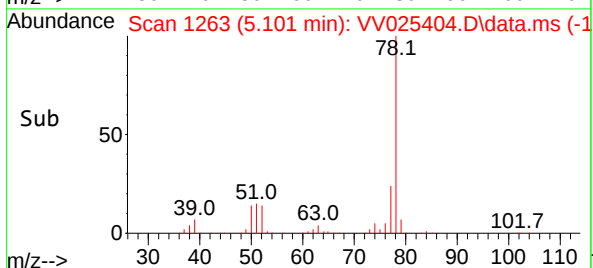
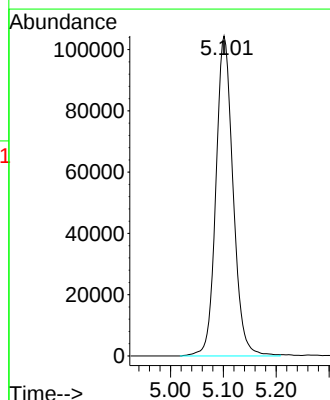
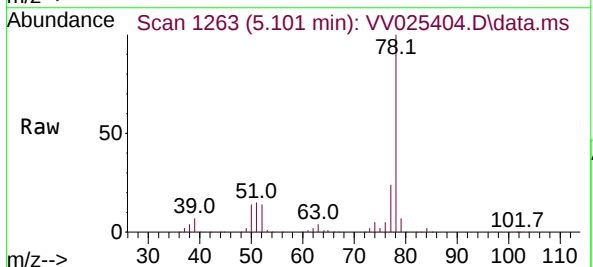
Instrument :
MSVOA_V
ClientSampleId :
VSTD005233

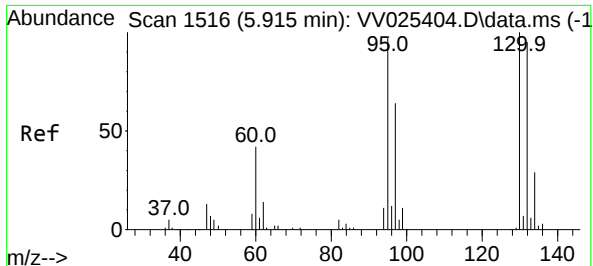
Tgt Ion:117 Resp: 77943
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8



#33
Benzene
Concen: 4.401 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VV025404.D
Acq: 08 Apr 2022 12:10

Tgt Ion: 78 Resp: 236210





#34

Trichloroethene

Concen: 4.280 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.000 min

Lab File: VV025404.D

Acq: 08 Apr 2022 12:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD005233

Tgt Ion: 95 Resp: 63254

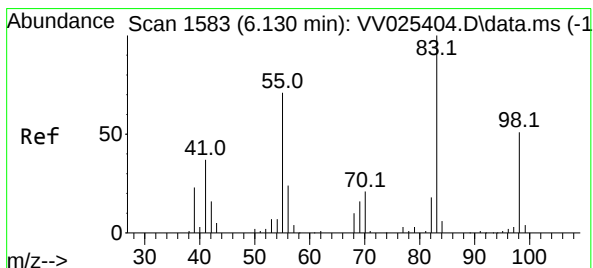
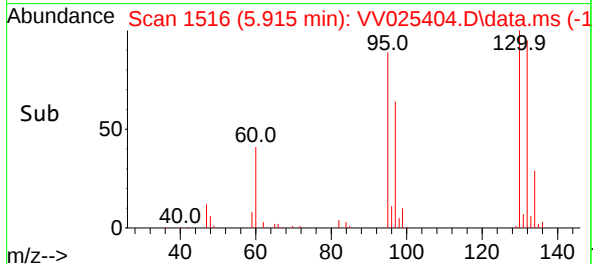
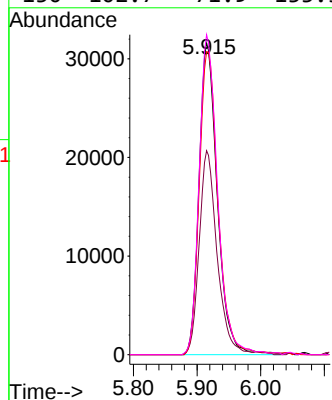
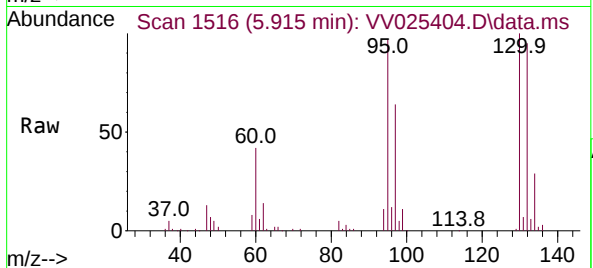
Ion Ratio Lower Upper

95 100

97 65.5 45.8 85.2

132 97.2 68.0 126.4

130 102.7 71.9 133.5



#35

Methylcyclohexane

Concen: 4.169 ug/L

RT: 6.130 min Scan# 1583

Delta R.T. 0.000 min

Lab File: VV025404.D

Acq: 08 Apr 2022 12:10

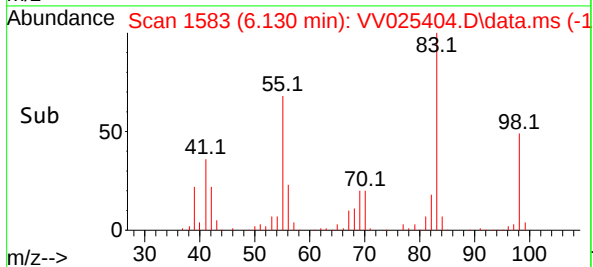
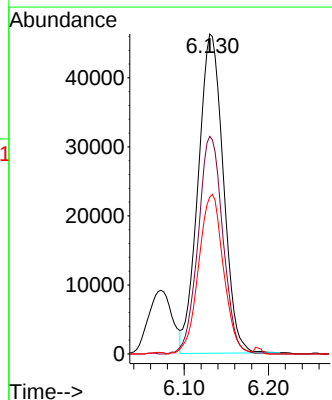
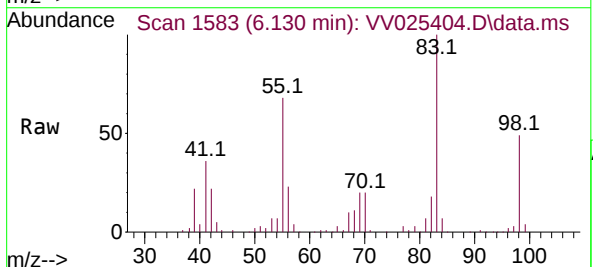
Tgt Ion: 83 Resp: 95981

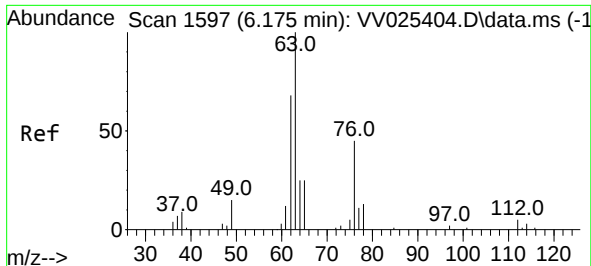
Ion Ratio Lower Upper

83 100

55 67.1 53.7 80.5

98 49.5 39.6 59.4





#37

1,2-Dichloropropane

Concen: 4.286 ug/L

RT: 6.175 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV025404.D

Acq: 08 Apr 2022 12:10

Instrument :

MSVOA_V

ClientSampleId :

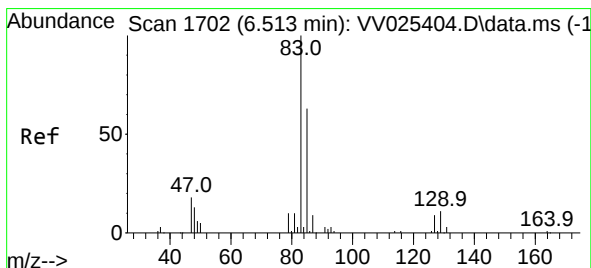
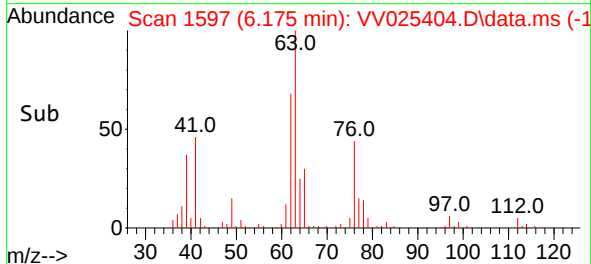
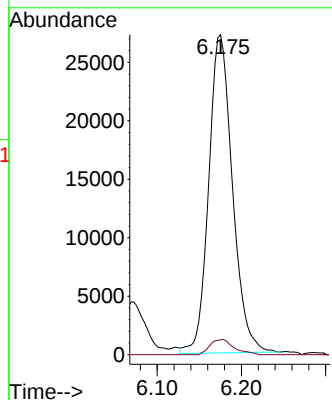
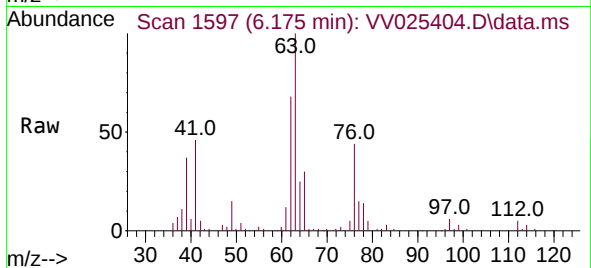
VSTD005233

Tgt Ion: 63 Resp: 53414

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.8



#38

Bromodichloromethane

Concen: 4.253 ug/L

RT: 6.513 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VV025404.D

Acq: 08 Apr 2022 12:10

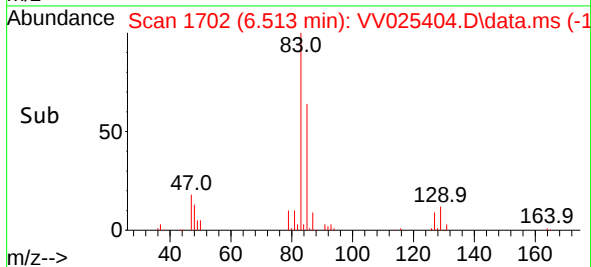
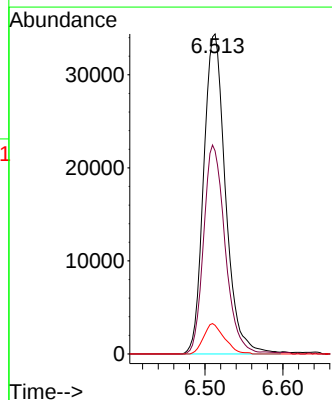
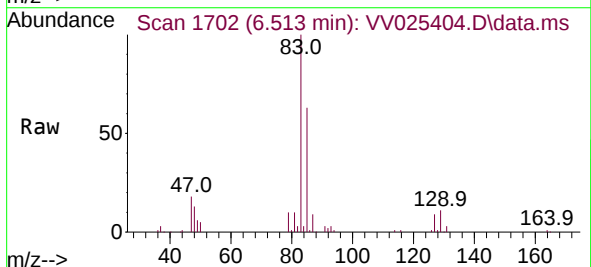
Tgt Ion: 83 Resp: 66974

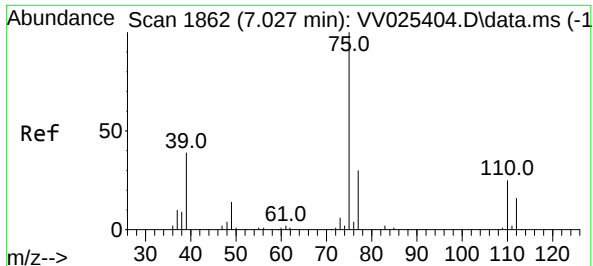
Ion Ratio Lower Upper

83 100

85 63.4 44.4 82.4

127 9.0 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 4.328 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.000 min

Lab File: VV025404.D

Acq: 08 Apr 2022 12:10

Instrument :

MSVOA_V

ClientSampleId :

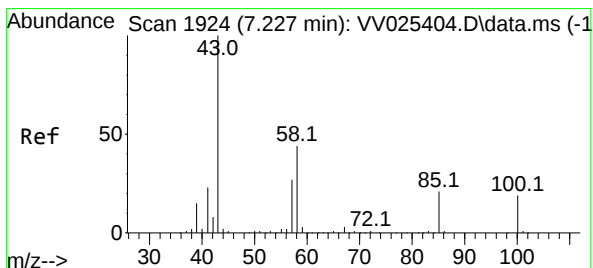
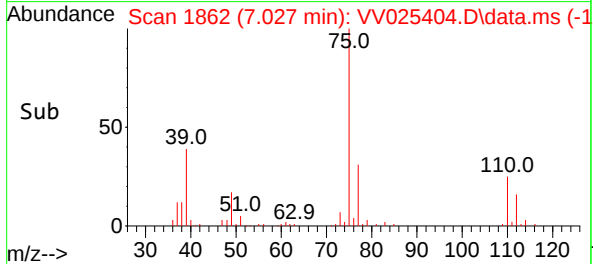
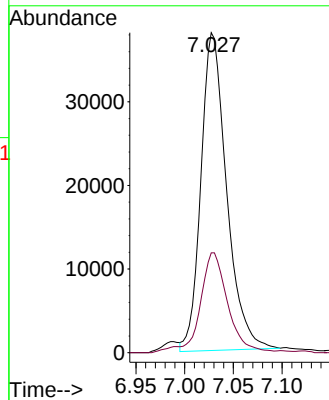
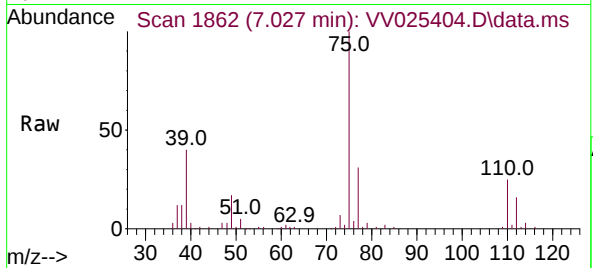
VSTD005233

Tgt Ion: 75 Resp: 69665

Ion Ratio Lower Upper

75 100

77 31.2 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 43.945 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VV025404.D

Acq: 08 Apr 2022 12:10

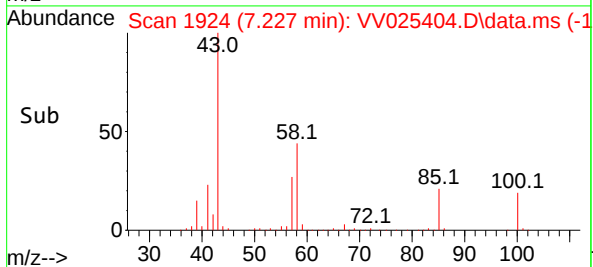
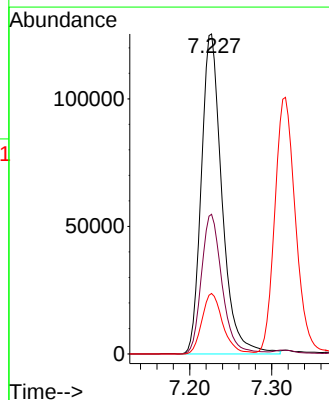
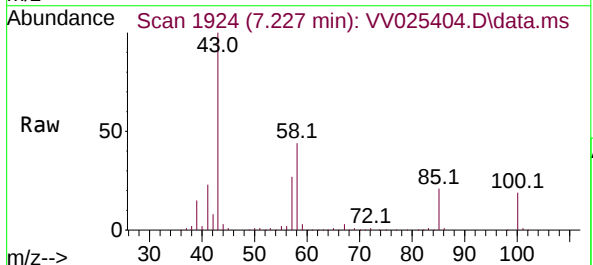
Tgt Ion: 43 Resp: 219532

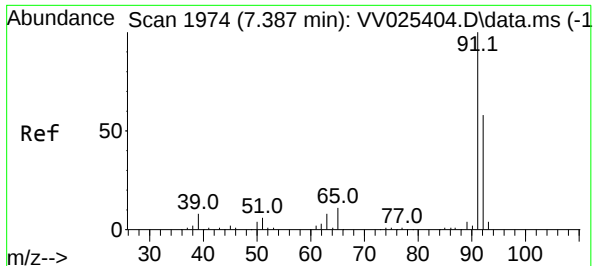
Ion Ratio Lower Upper

43 100

58 43.9 35.1 52.7

100 19.1 15.3 22.9





#42

Toluene

Concen: 4.509 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. 0.000 min

Lab File: VV025404.D

Acq: 08 Apr 2022 12:10

Instrument :

MSVOA_V

ClientSampleId :

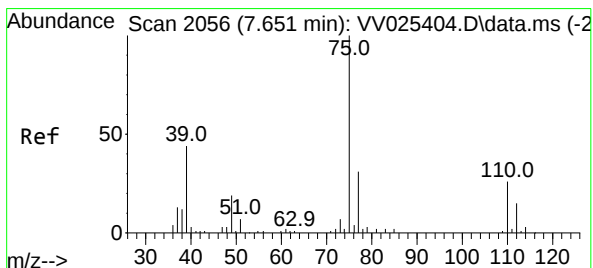
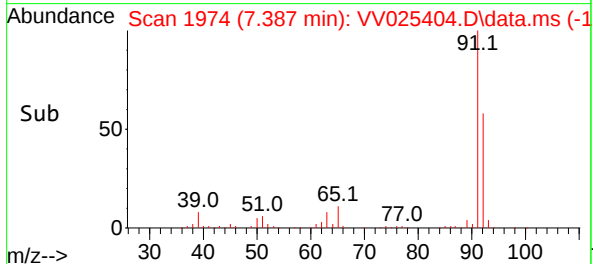
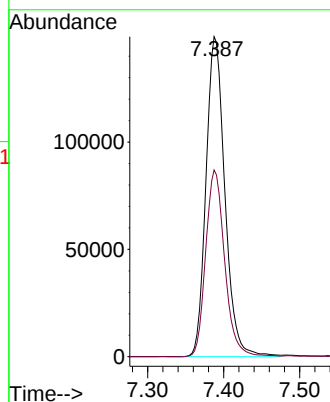
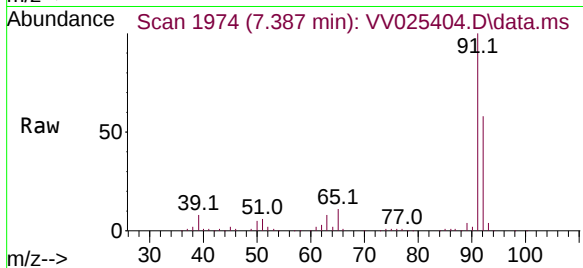
VSTD005233

Tgt Ion: 91 Resp: 257489

Ion Ratio Lower Upper

91 100

92 58.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.303 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VV025404.D

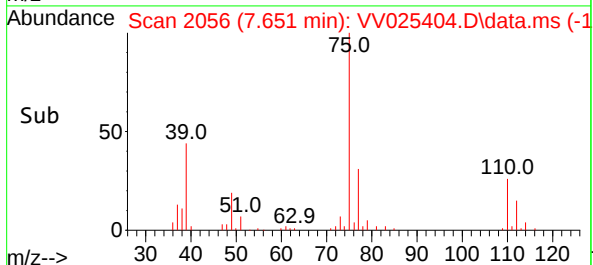
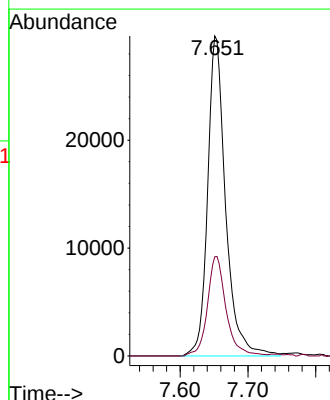
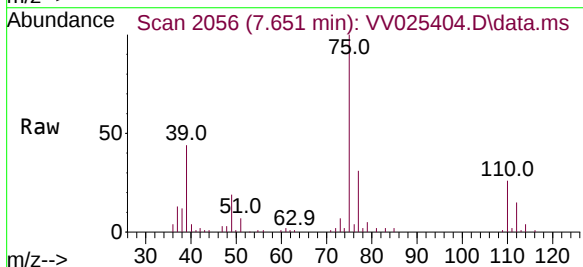
Acq: 08 Apr 2022 12:10

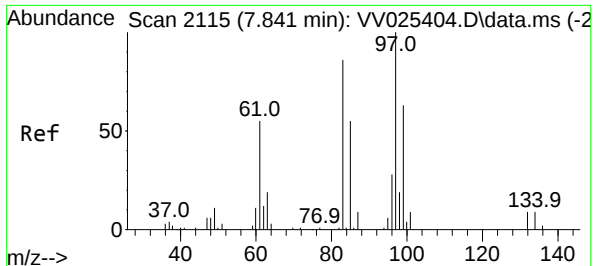
Tgt Ion: 75 Resp: 54622

Ion Ratio Lower Upper

75 100

77 31.0 21.7 40.3



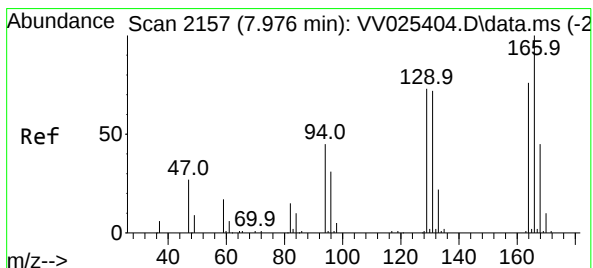
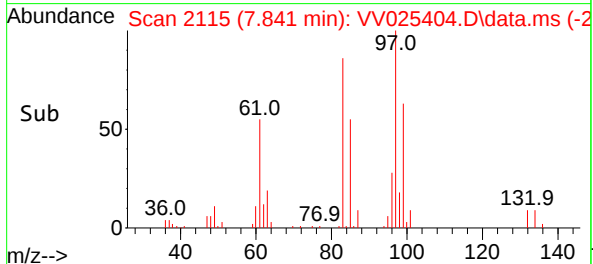
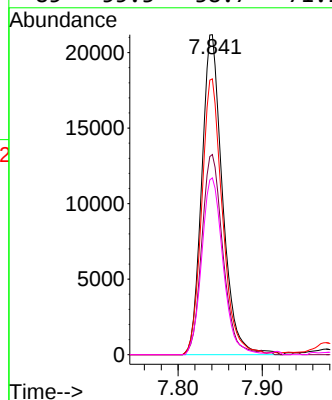
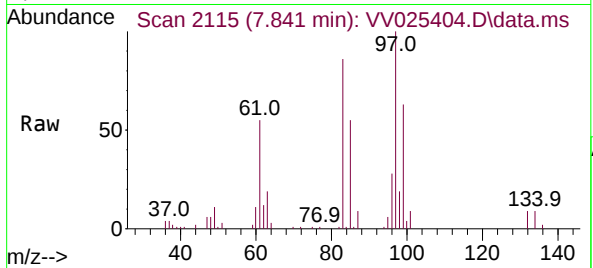


#45
1,1,2-Trichloroethane
Concen: 4.289 ug/L
RT: 7.841 min Scan# 2115
Delta R.T. 0.000 min
Lab File: VV025404.D
Acq: 08 Apr 2022 12:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD005233

Tgt Ion: 97 Resp: 36383

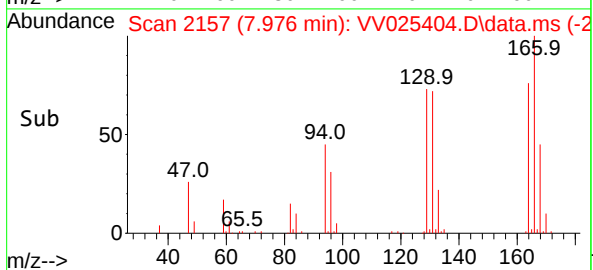
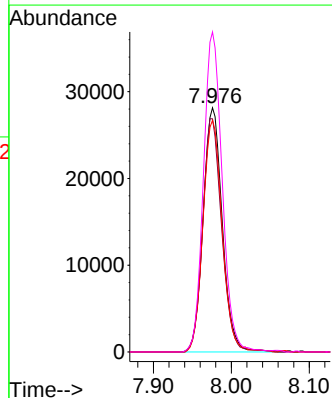
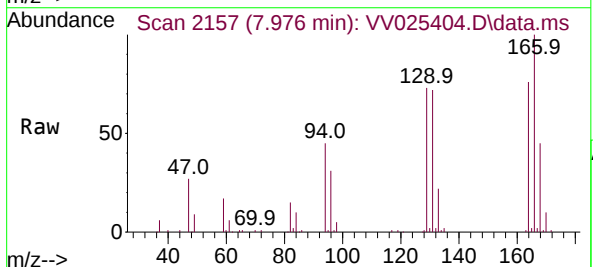
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.8	81.4
83	86.2	60.3	112.1
85	55.3	38.7	71.9

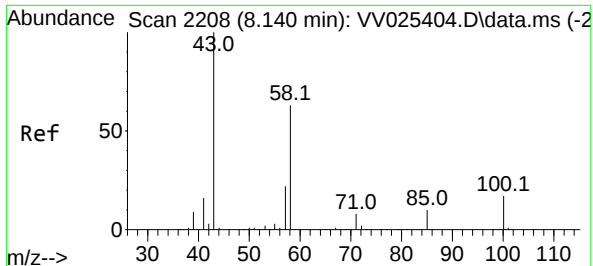


#47
Tetrachloroethene
Concen: 4.432 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV025404.D
Acq: 08 Apr 2022 12:10

Tgt Ion: 164 Resp: 48053

Ion	Ratio	Lower	Upper
164	100		
129	95.5	66.8	124.2
131	94.9	66.4	123.4
166	131.0	91.7	170.3



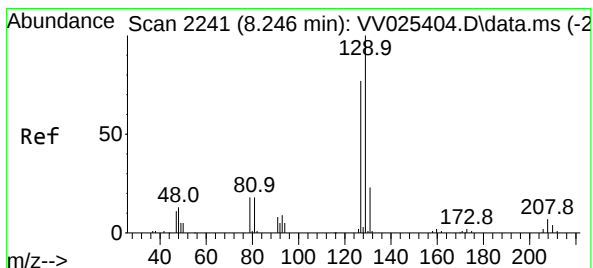
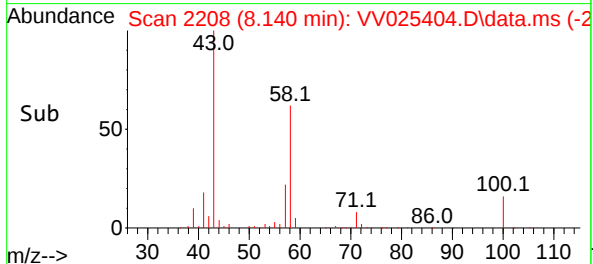
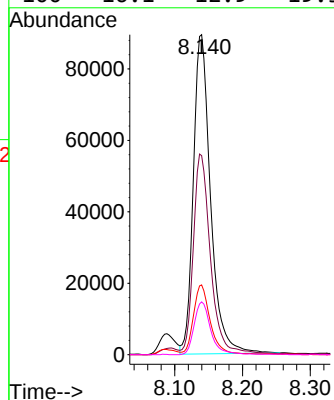
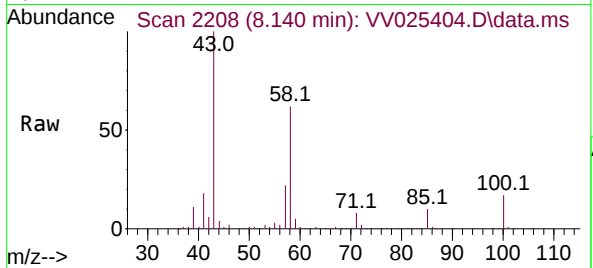


#48
2-Hexanone
Concen: 44.529 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VV025404.D
Acq: 08 Apr 2022 12:10

Instrument :
MSVOA_V
ClientSampleId :
VSTD005233

Tgt Ion: 43 Resp: 157993

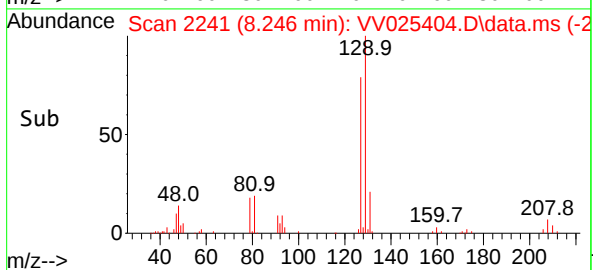
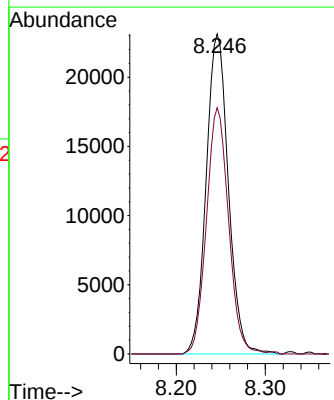
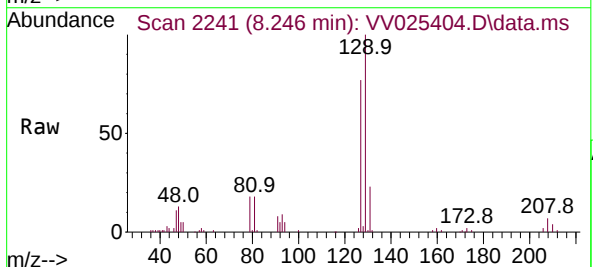
Ion	Ratio	Lower	Upper
43	100		
58	62.1	49.7	74.5
57	20.5	16.4	24.6
100	16.1	12.9	19.3

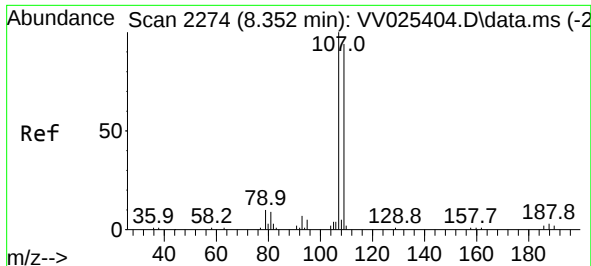


#49
Dibromochloromethane
Concen: 4.350 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VV025404.D
Acq: 08 Apr 2022 12:10

Tgt Ion: 129 Resp: 39930

Ion	Ratio	Lower	Upper
129	100		
127	76.9	53.8	100.0





#50

1,2-Dibromoethane

Concen: 4.342 ug/L

RT: 8.352 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV025404.D

Acq: 08 Apr 2022 12:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD005233

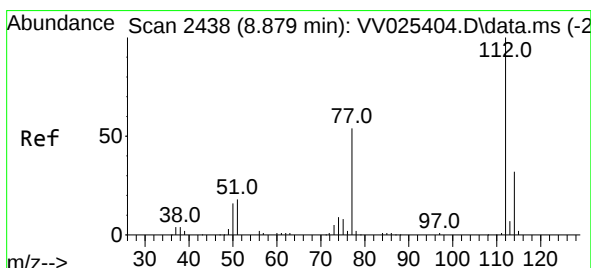
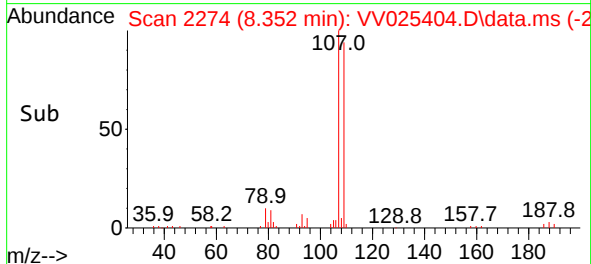
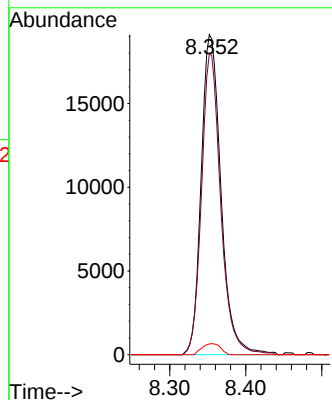
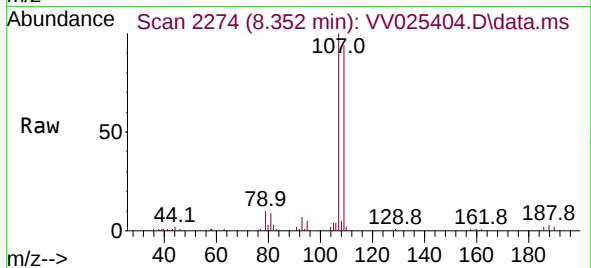
Tgt Ion:107 Resp: 34544

Ion Ratio Lower Upper

107 100

109 94.1 65.9 122.3

188 3.4 2.7 4.1



#51

Chlorobenzene

Concen: 4.340 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. 0.000 min

Lab File: VV025404.D

Acq: 08 Apr 2022 12:10

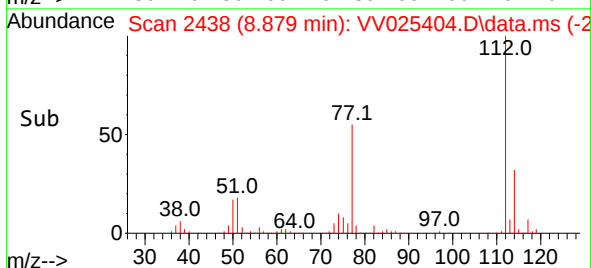
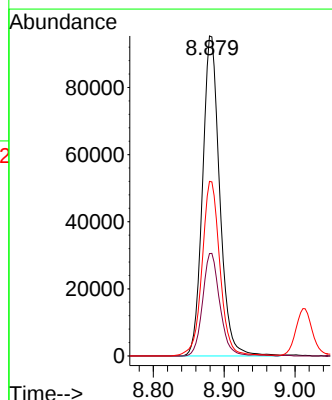
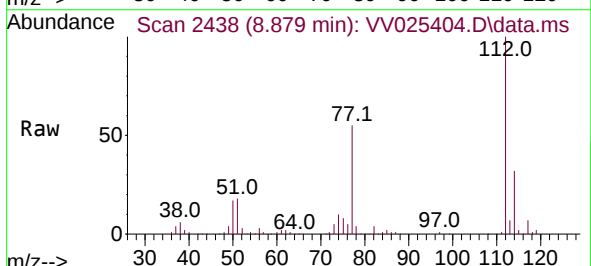
Tgt Ion:112 Resp: 160597

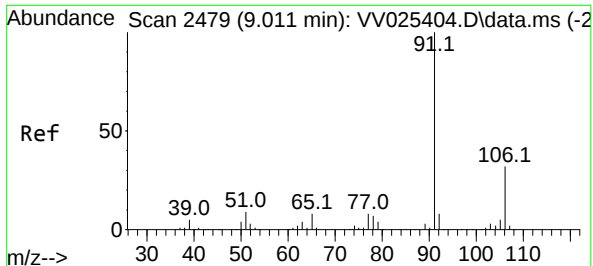
Ion Ratio Lower Upper

112 100

114 32.0 22.4 41.6

77 54.6 43.7 65.5

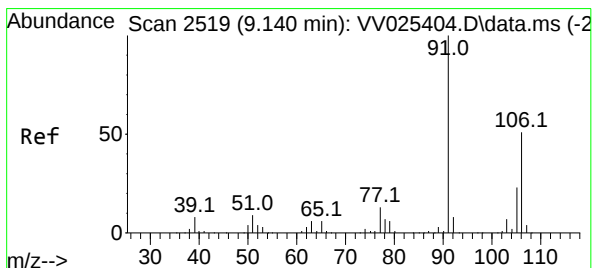
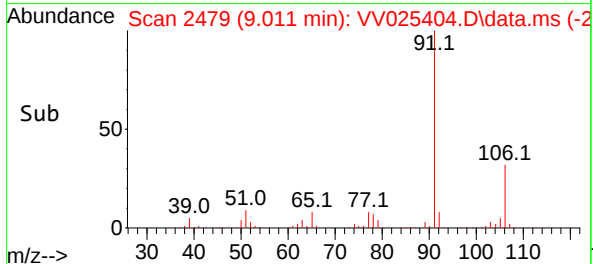
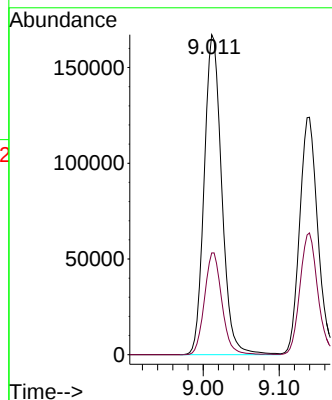
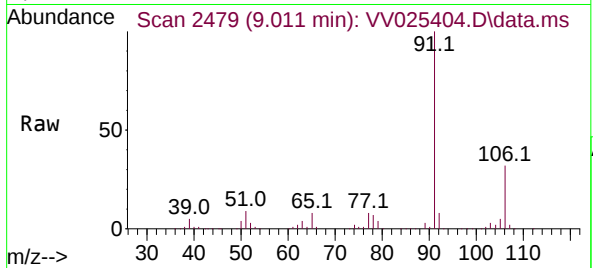




#52
Ethylbenzene
Concen: 4.419 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV025404.D
Acq: 08 Apr 2022 12:10

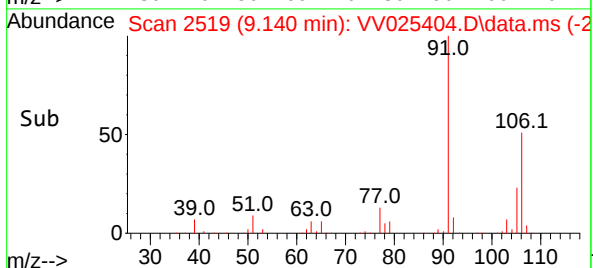
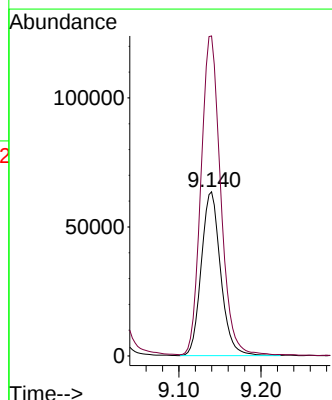
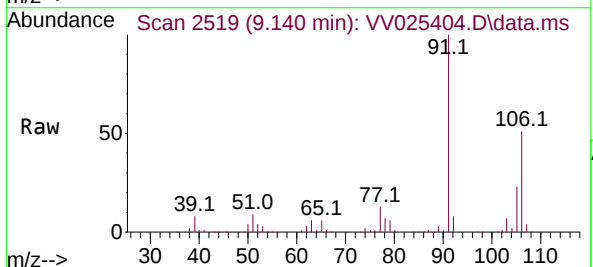
Instrument :
MSVOA_V
ClientSampleId :
VSTD005233

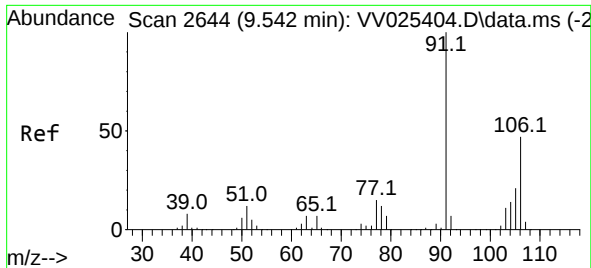
Tgt Ion: 91 Resp: 267830
Ion Ratio Lower Upper
91 100
106 31.8 22.3 41.3



#53
m,p-Xylene
Concen: 4.407 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.000 min
Lab File: VV025404.D
Acq: 08 Apr 2022 12:10

Tgt Ion: 106 Resp: 104025
Ion Ratio Lower Upper
106 100
91 194.9 136.4 253.4

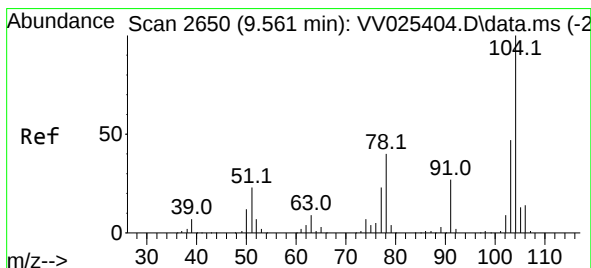
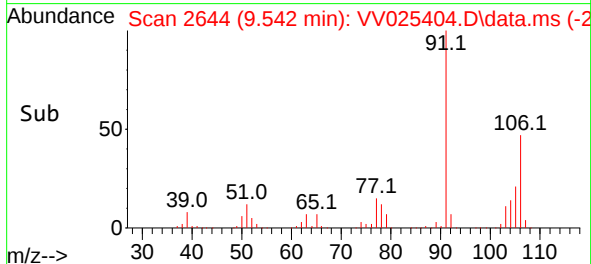
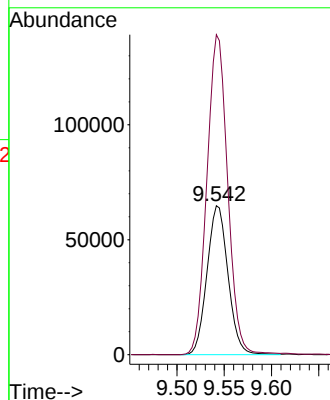
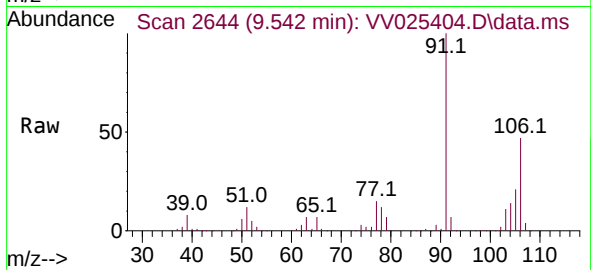




#54
o-Xylene
Concen: 4.459 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025404.D
Acq: 08 Apr 2022 12:10

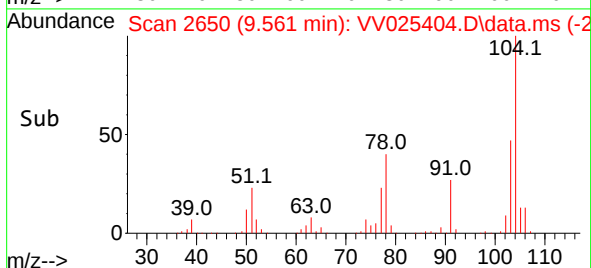
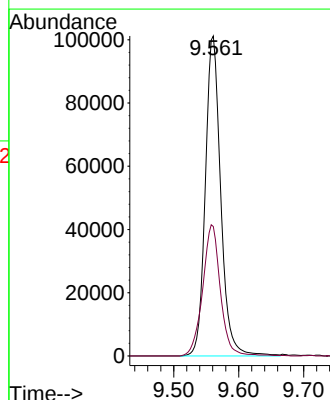
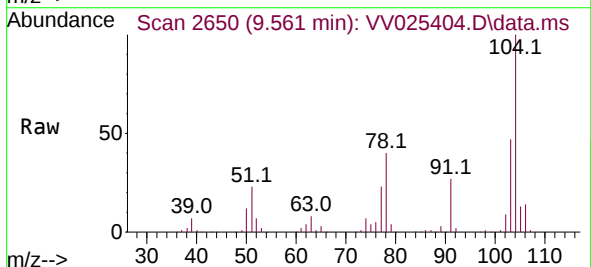
Instrument : MSVOA_V
ClientSampleId : VSTD005233

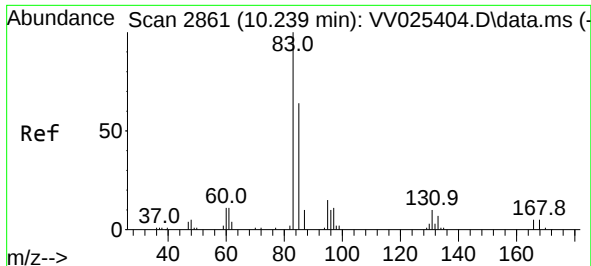
Tgt Ion:106 Resp: 100219
Ion Ratio Lower Upper
106 100
91 214.8 150.4 279.2



#55
Styrene
Concen: 4.539 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.000 min
Lab File: VV025404.D
Acq: 08 Apr 2022 12:10

Tgt Ion:104 Resp: 167509
Ion Ratio Lower Upper
104 100
78 40.5 28.3 52.7

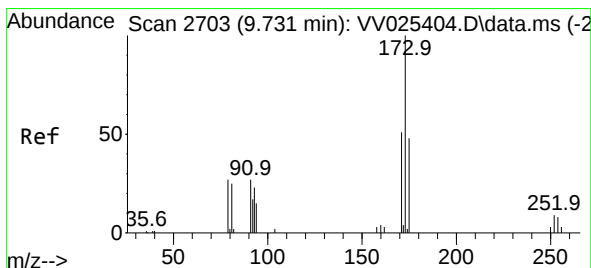
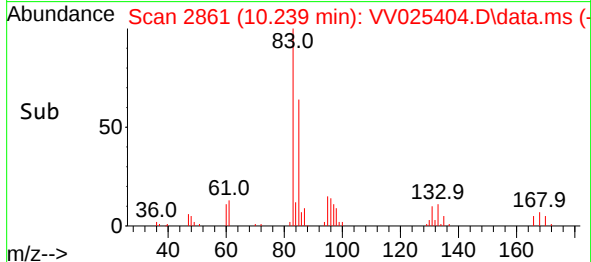
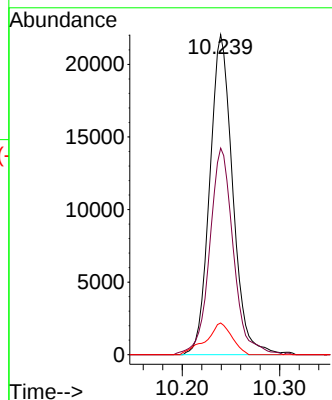
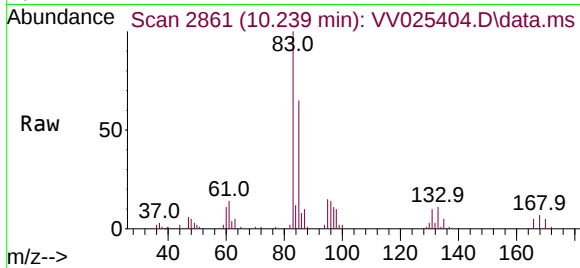




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.103 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. 0.000 min
 Lab File: VV025404.D
 Acq: 08 Apr 2022 12:10

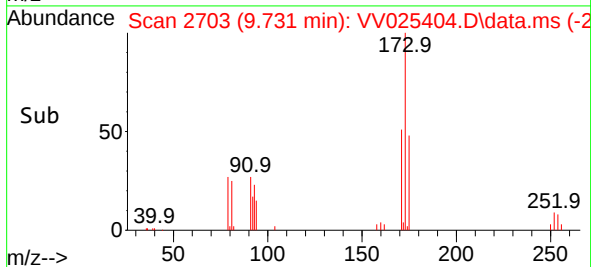
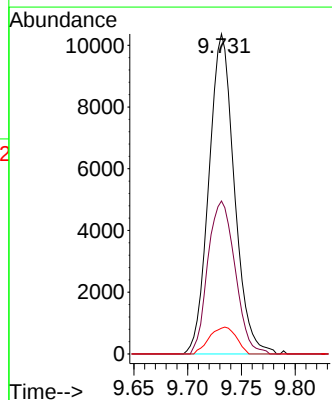
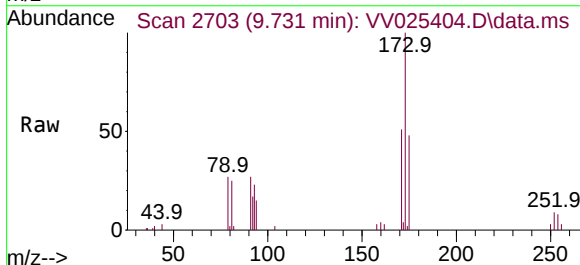
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005233

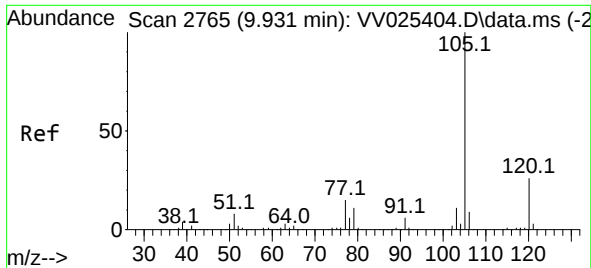
Tgt Ion:	83	Resp:	36038
Ion	Ratio	Lower	Upper
83	100		
85	64.5	45.1	83.9
131	9.9	7.9	11.9



#59
 Bromoform
 Concen: 4.228 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. 0.000 min
 Lab File: VV025404.D
 Acq: 08 Apr 2022 12:10

Tgt Ion:	173	Resp:	17072
Ion	Ratio	Lower	Upper
173	100		
175	51.0	40.8	61.2
254	8.8	7.0	10.6

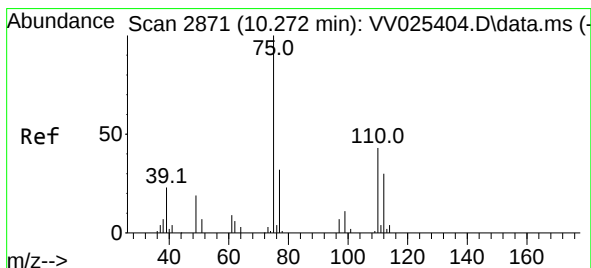
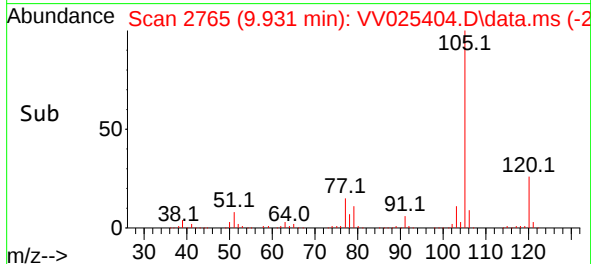
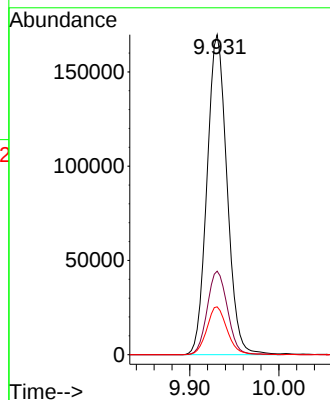
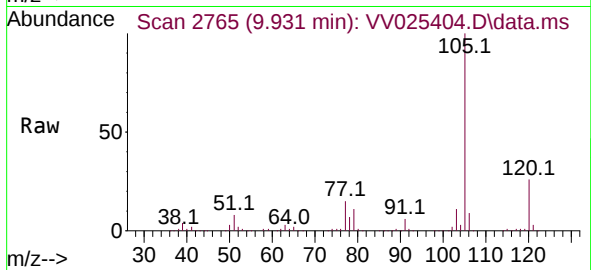




#60
Isopropylbenzene
Concen: 4.085 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV025404.D
Acq: 08 Apr 2022 12:10

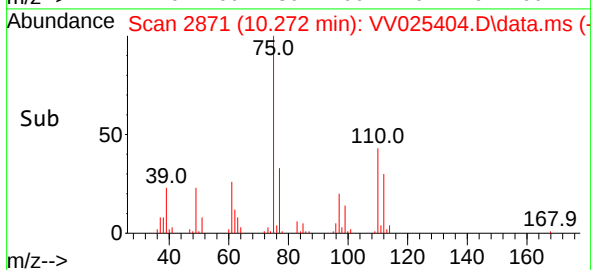
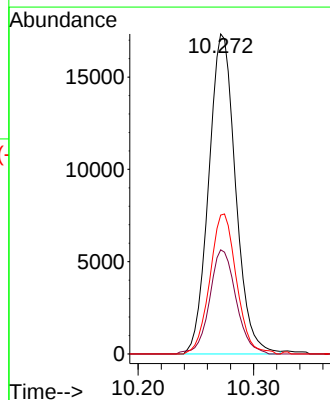
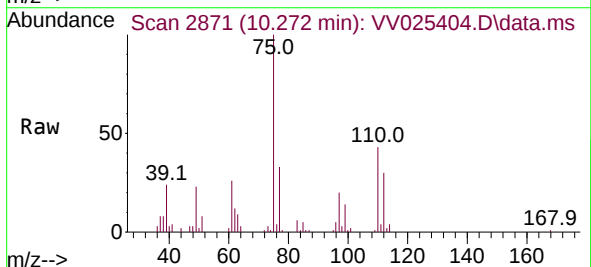
Instrument :
MSVOA_V
ClientSampleId :
VSTD005233

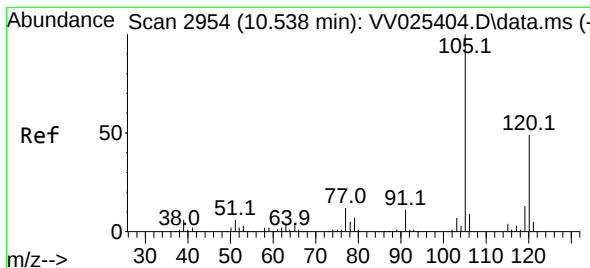
Tgt Ion:105 Resp: 264198
Ion Ratio Lower Upper
105 100
120 26.5 21.2 31.8
77 15.2 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 3.811 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VV025404.D
Acq: 08 Apr 2022 12:10

Tgt Ion: 75 Resp: 27976
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
110 43.4 34.7 52.1





#62

1,3,5-Trimethylbenzene

Concen: 3.978 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. 0.000 min

Lab File: VV025404.D

Acq: 08 Apr 2022 12:10

Instrument :

MSVOA_V

ClientSampleId :

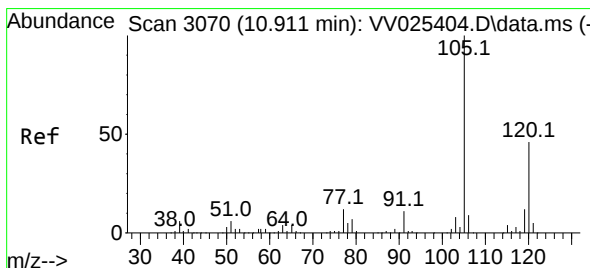
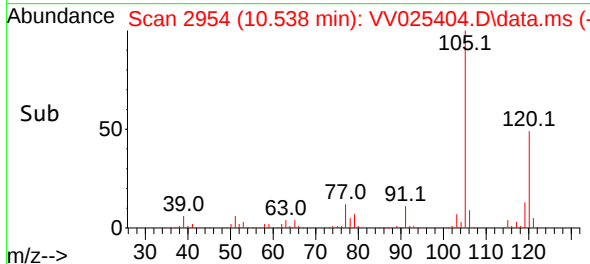
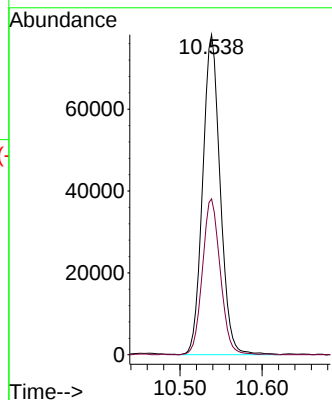
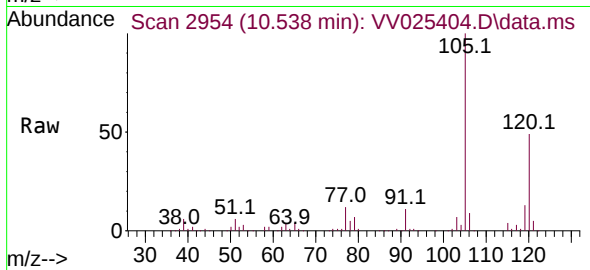
VSTD005233

Tgt Ion:105 Resp: 116035

Ion Ratio Lower Upper

105 100

120 49.5 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.111 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. 0.000 min

Lab File: VV025404.D

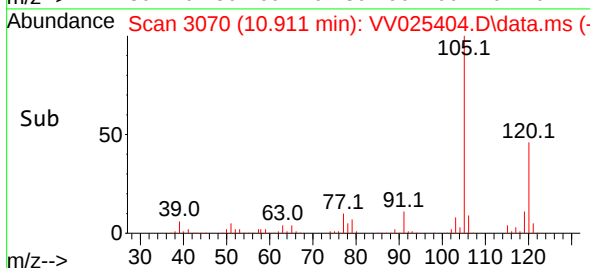
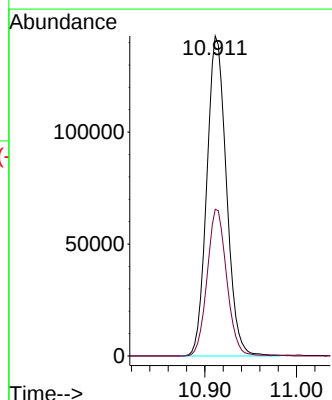
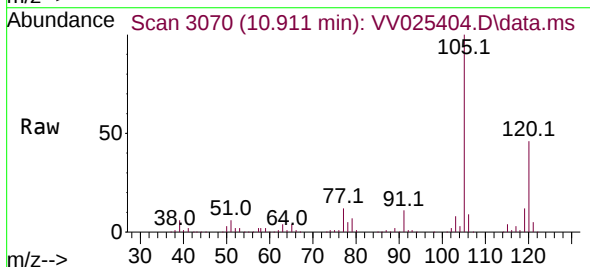
Acq: 08 Apr 2022 12:10

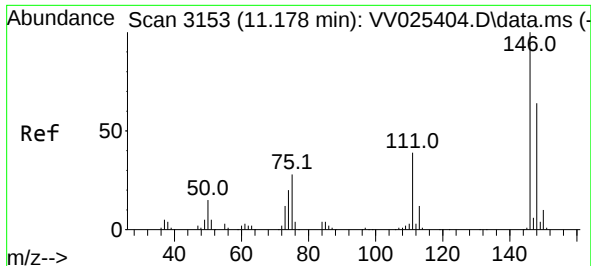
Tgt Ion:105 Resp: 212505

Ion Ratio Lower Upper

105 100

120 45.8 36.6 55.0

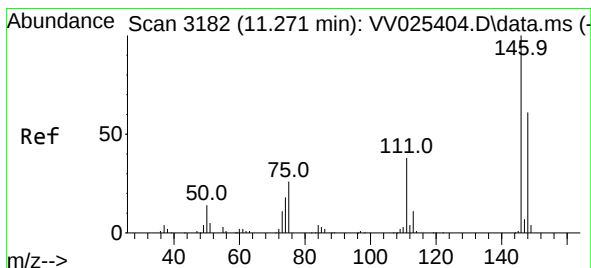
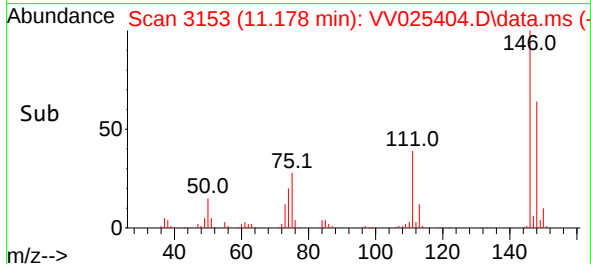
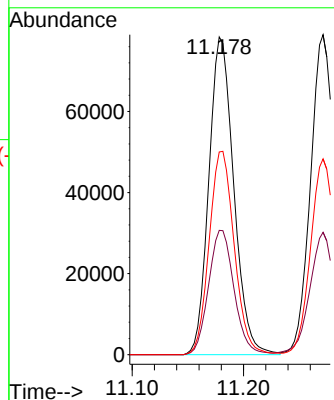
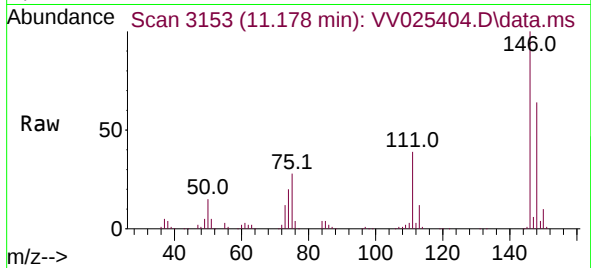




#64
1,3-Dichlorobenzene
Concen: 4.010 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV025404.D
Acq: 08 Apr 2022 12:10

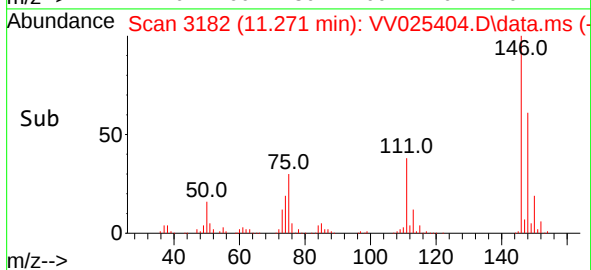
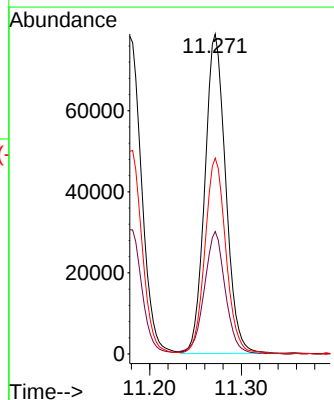
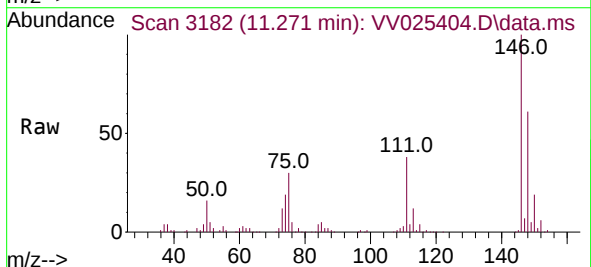
Instrument :
MSVOA_V
ClientSampleId :
VSTD005233

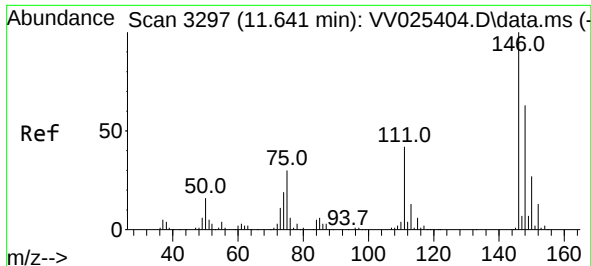
Tgt Ion:146 Resp: 121738
Ion Ratio Lower Upper
146 100
111 39.1 27.4 50.8
148 63.8 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 4.065 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.000 min
Lab File: VV025404.D
Acq: 08 Apr 2022 12:10

Tgt Ion:146 Resp: 124426
Ion Ratio Lower Upper
146 100
111 38.2 26.7 49.7
148 61.2 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 4.036 ug/L

RT: 11.641 min Scan# 3297

Delta R.T. 0.000 min

Lab File: VV025404.D

Acq: 08 Apr 2022 12:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD005233

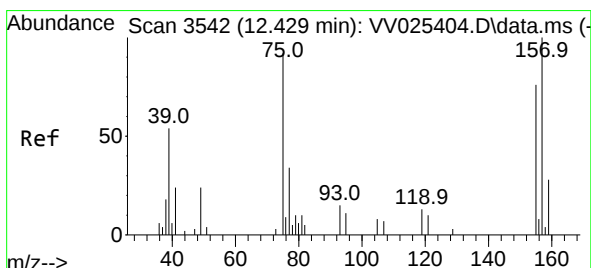
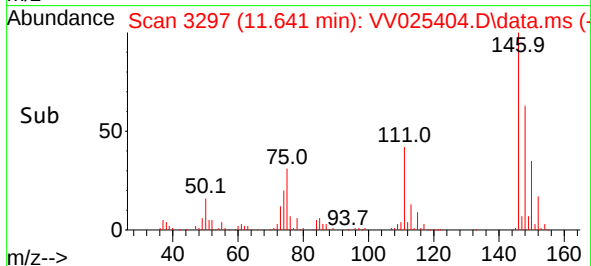
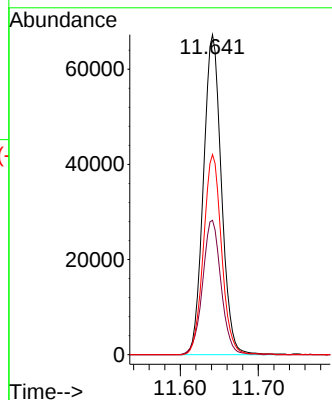
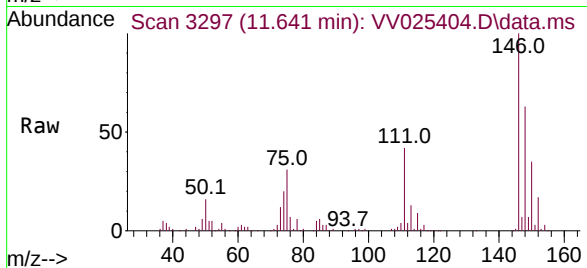
Tgt Ion:146 Resp: 107684

Ion Ratio Lower Upper

146 100

111 42.0 33.6 50.4

148 62.5 50.0 75.0



#68

1,2-Dibromo-3-chloropropane

Concen: 3.607 ug/L

RT: 12.429 min Scan# 3542

Delta R.T. 0.000 min

Lab File: VV025404.D

Acq: 08 Apr 2022 12:10

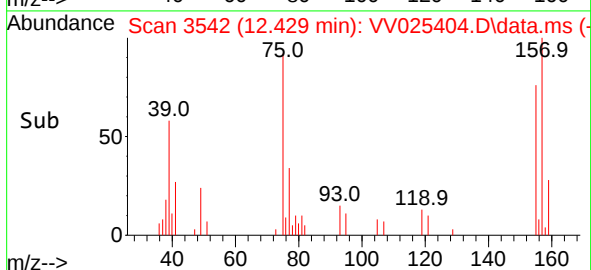
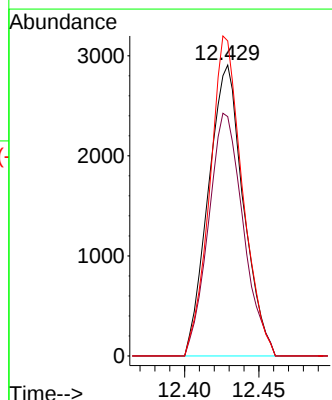
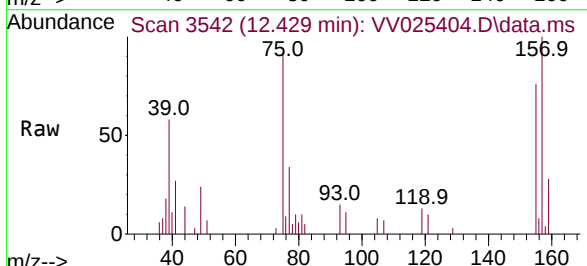
Tgt Ion: 75 Resp: 4760

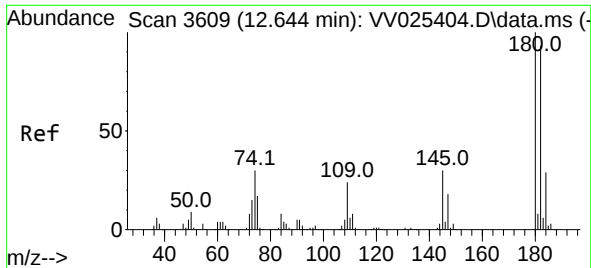
Ion Ratio Lower Upper

75 100

155 82.3 65.8 98.8

157 108.3 86.6 130.0





#69

1,3,5-Trichlorobenzene

Concen: 4.055 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VV025404.D

Acq: 08 Apr 2022 12:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD005233

Tgt Ion:180 Resp: 89530

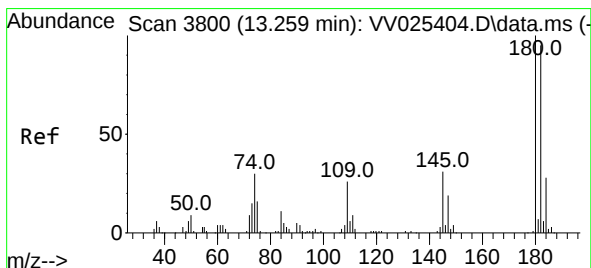
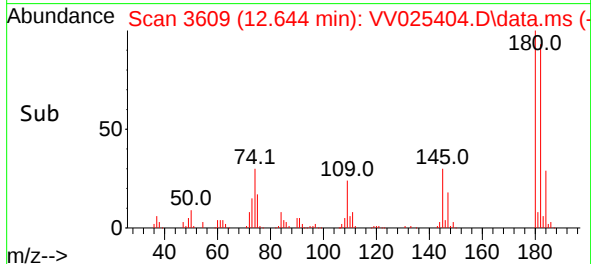
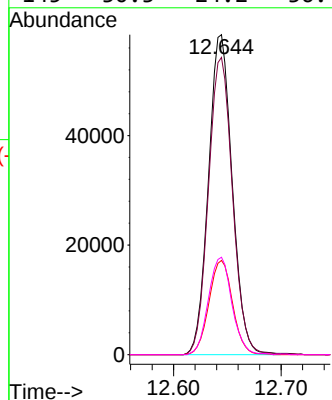
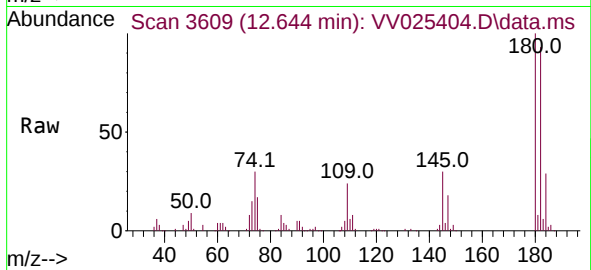
Ion Ratio Lower Upper

180 100

182 94.1 75.3 112.9

184 29.3 23.4 35.2

145 30.3 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 4.162 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.000 min

Lab File: VV025404.D

Acq: 08 Apr 2022 12:10

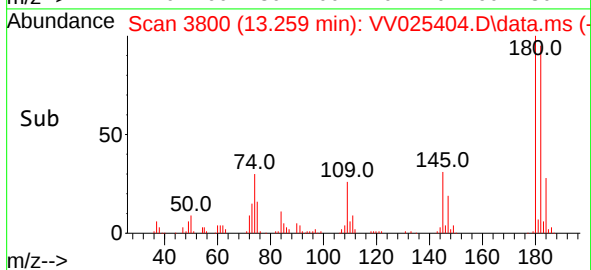
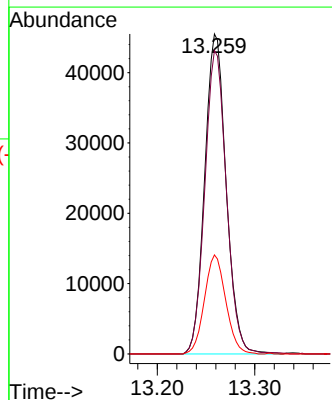
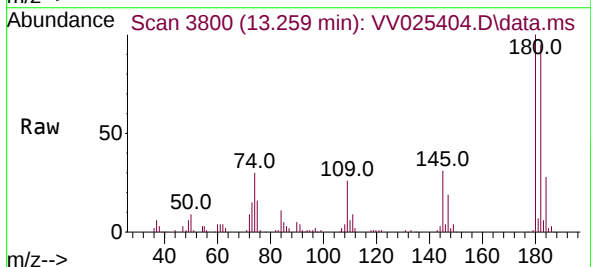
Tgt Ion:180 Resp: 69533

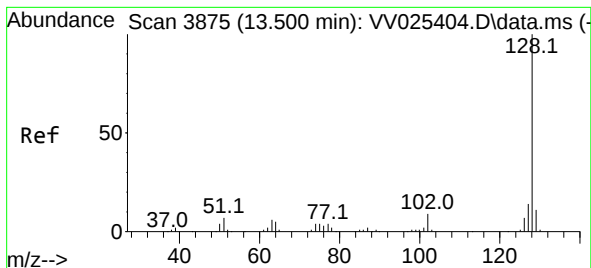
Ion Ratio Lower Upper

180 100

182 95.7 76.6 114.8

145 30.7 24.6 36.8





#71

Naphthalene

Concen: 3.897 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.000 min

Lab File: VV025404.D

Acq: 08 Apr 2022 12:10

Instrument :

MSVOA_V

ClientSampleId :

VSTD005233

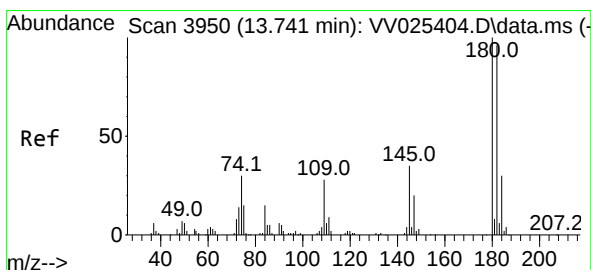
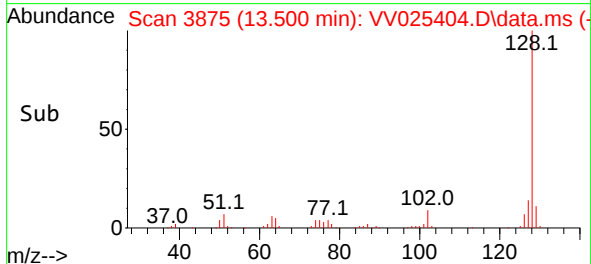
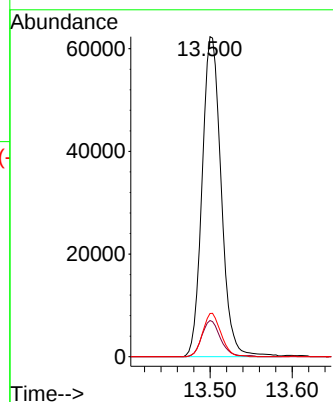
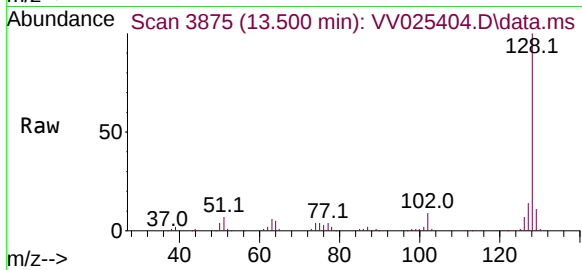
Tgt Ion:128 Resp: 100781

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.0 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.023 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV025404.D

Acq: 08 Apr 2022 12:10

Tgt Ion:180 Resp: 57664

Ion Ratio Lower Upper

180 100

182 97.1 77.7 116.5

145 34.3 27.4 41.2

