

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040822\
 Data File : VW025405.D
 Acq On : 08 Apr 2022 12:34
 Operator : SY/MD
 Sample : VSTD01034
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010234

Quant Time: Apr 09 04:23:11 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	175161	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	168446	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	93791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	186607	11.393	ug/L	0.00
7) Chloroethane-d5	1.568	69	212464	14.840	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	355998	10.193	ug/L	0.00
20) 2-Butanone-d5	3.879	46	245921	143.008	ug/L	0.00
24) Chloroform-d	4.349	84	284794	12.940	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	124599	12.899	ug/L	0.00
32) Benzene-d6	5.050	84	592332	13.589	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	162822	13.300	ug/L	0.00
41) Toluene-d8	7.313	98	555367	13.914	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	57389	14.391	ug/L	0.00
46) 2-Hexanone-d5	8.085	63	208131	145.912	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.214	84	100514	12.520	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	183796	12.076	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	134265	8.184	ug/L	100
3) Chloromethane	1.243	50	146392	7.567	ug/L	98
5) Vinyl chloride	1.314	62	164498	7.609	ug/L	100
6) Bromomethane	1.523	94	122540	9.314	ug/L	99
8) Chloroethane	1.584	64	131890	9.521	ug/L	99
9) Trichlorofluoromethane	1.754	101	226301	7.762	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	127792	7.358	ug/L	100
12) 1,1-Dichloroethene	2.121	96	128603	7.789	ug/L	99
13) Acetone	2.172	43	109415	88.876	ug/L	96
14) Carbon disulfide	2.297	76	310469	8.928	ug/L	100
15) Methyl Acetate	2.436	43	27095	9.767	ug/L	93
16) Methylene chloride	2.510	84	109880	8.225	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	194618	9.085	ug/L	# 76
18) trans-1,2-Dichloroethene	2.764	96	109305	9.067	ug/L	93
19) 1,1-Dichloroethane	3.191	63	177995	8.815	ug/L	97
21) 2-Butanone	3.966	43	161138	97.023	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	114960	9.223	ug/L	100
23) Bromochloromethane	4.249	128	47172	9.234	ug/L	98
25) Chloroform	4.378	83	195012	8.738	ug/L	95
27) 1,2-Dichloroethane	5.130	62	100524	8.695	ug/L	97
29) 1,1,1-Trichloroethane	4.609	97	170230	8.877	ug/L	99
30) Cyclohexane	4.680	56	159098	9.222	ug/L	99
31) Carbon tetrachloride	4.831	117	142415	8.608	ug/L	99
33) Benzene	5.101	78	431188	9.187	ug/L	100
34) Trichloroethene	5.915	95	113622	8.791	ug/L	99
35) Methylcyclohexane	6.130	83	186209	9.248	ug/L	99
37) 1,2-Dichloropropane	6.172	63	96269	8.834	ug/L	99
38) Bromodichloromethane	6.510	83	122671	8.908	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	135988	9.660	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	412688	94.464	ug/L	99
42) Toluene	7.387	91	476257	9.536	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	109750	9.888	ug/L	99

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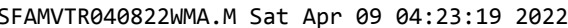
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010234

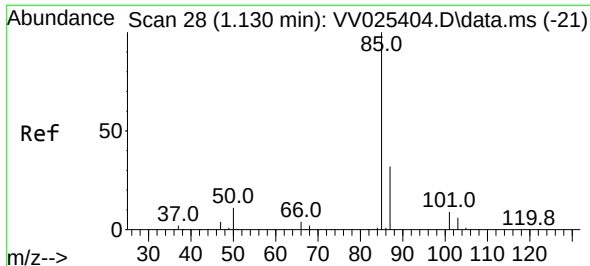
Quant Time: Apr 09 04:23:11 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.837	97	66206	8.925	ug/L	98
47) Tetrachloroethene	7.972	164	89707	9.462	ug/L	97
48) 2-Hexanone	8.136	43	296168	95.449	ug/L	99
49) Dibromochloromethane	8.246	129	74158	9.239	ug/L	99
50) 1,2-Dibromoethane	8.352	107	61413	8.827	ug/L	100
51) Chlorobenzene	8.879	112	294371	9.096	ug/L	99
52) Ethylbenzene	9.011	91	501746	9.467	ug/L	100
53) m,p-Xylene	9.136	106	199377	9.660	ug/L	98
54) o-Xylene	9.542	106	188725	9.601	ug/L	98
55) Styrene	9.558	104	313670	9.720	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	65128	8.479	ug/L	100
59) Bromoform	9.731	173	33000	9.103	ug/L	97
60) Isopropylbenzene	9.931	105	505525	8.706	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	52121	7.907	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	227382	8.682	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	418920	9.026	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	227855	8.360	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	225178	8.194	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	199941	8.347	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	8847	7.467	ug/L #	85
69) 1,3,5-Trichlorobenzene	12.644	180	170462	8.599	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	134440	8.963	ug/L	97
71) Naphthalene	13.500	128	201669	8.686	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	110430	8.582	ug/L	98

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

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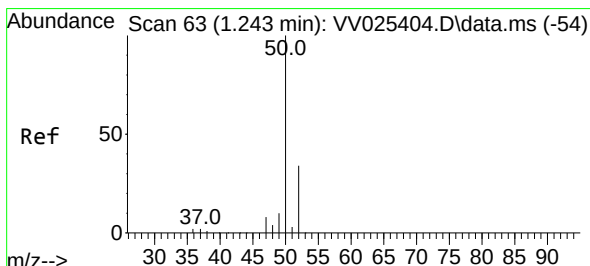
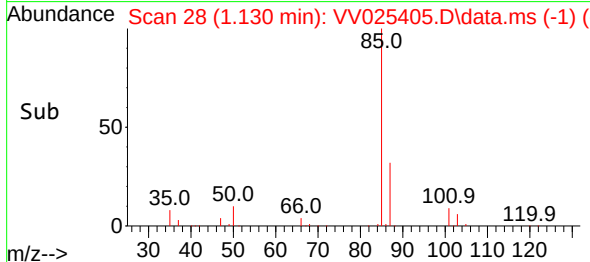
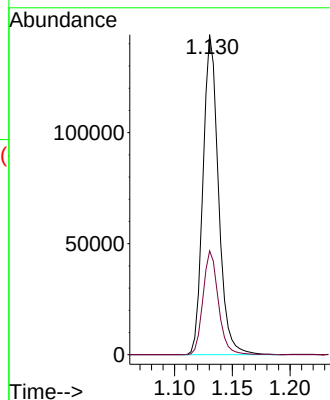
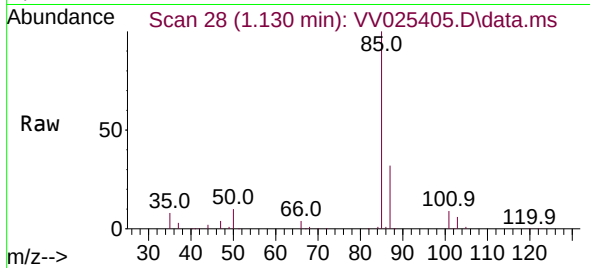




#2
 Dichlorodifluoromethane
 Concen: 8.184 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV025405.D
 Acq: 08 Apr 2022 12:34

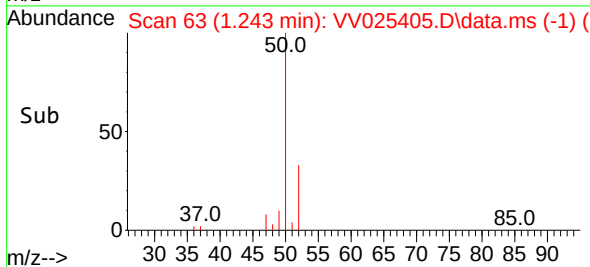
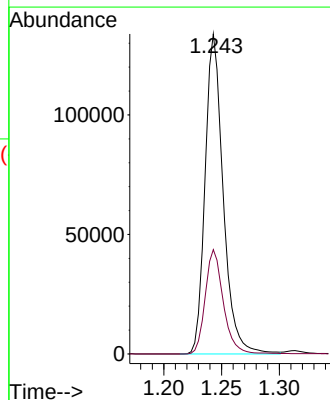
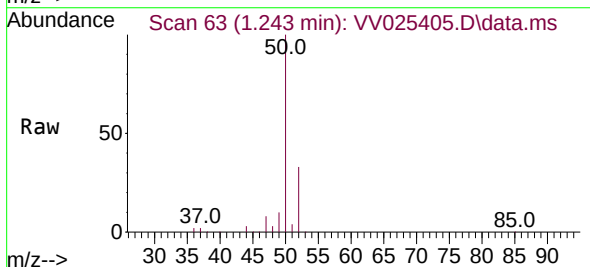
Instrument :
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 ClientSampleId :
 VSTD010234

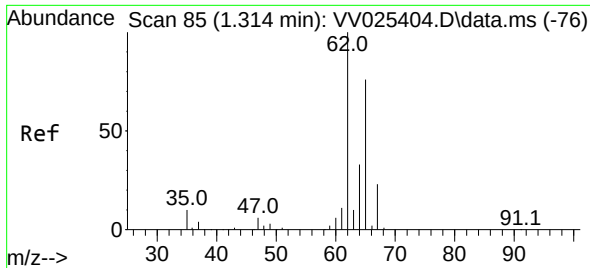
Tgt Ion: 85 Resp: 134265
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.6 38.4



#3
 Chloromethane
 Concen: 7.567 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025405.D
 Acq: 08 Apr 2022 12:34

Tgt Ion: 50 Resp: 146392
 Ion Ratio Lower Upper
 50 100
 52 32.6 23.7 43.9

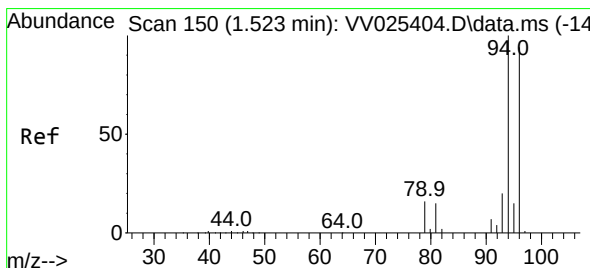
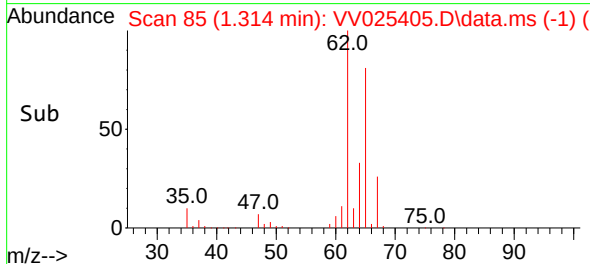
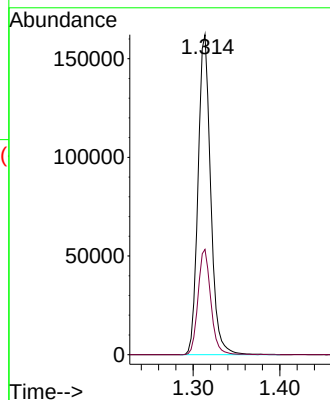
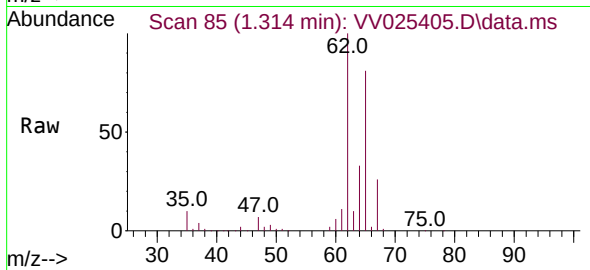




#5
 Vinyl chloride
 Concen: 7.609 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025405.D
 Acq: 08 Apr 2022 12:34

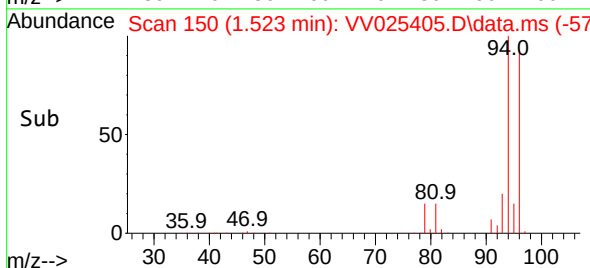
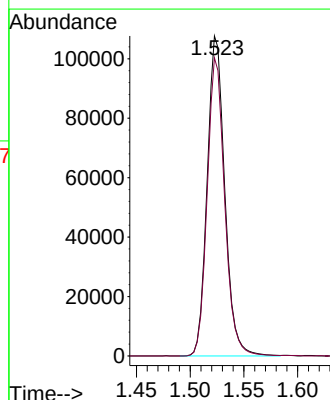
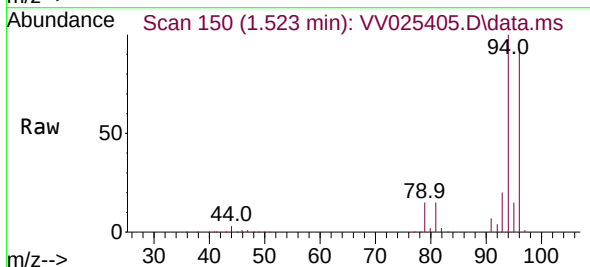
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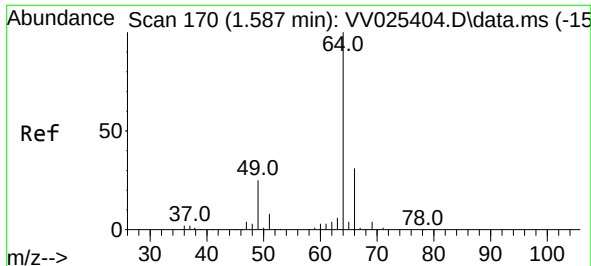
Tgt Ion: 62 Resp: 164498
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.2 43.2



#6
 Bromomethane
 Concen: 9.314 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. -0.000 min
 Lab File: VV025405.D
 Acq: 08 Apr 2022 12:34

Tgt Ion: 94 Resp: 122540
 Ion Ratio Lower Upper
 94 100
 96 93.1 66.1 122.7

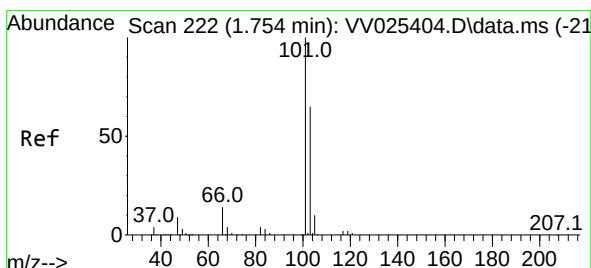
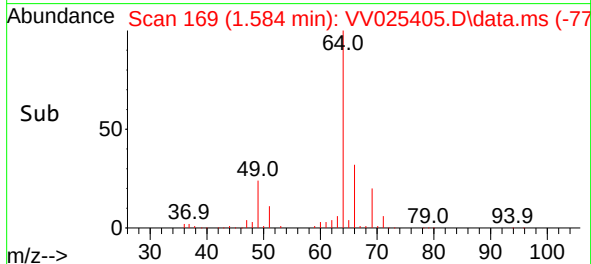
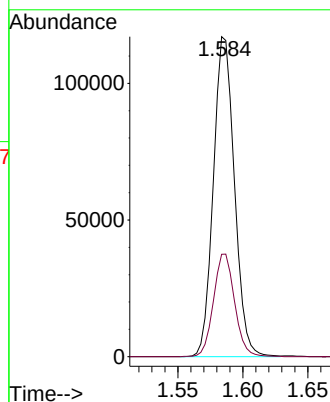
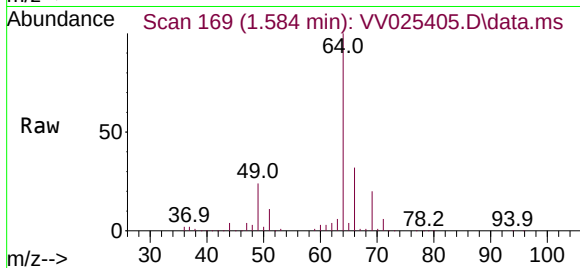




#8
Chloroethane
Concen: 9.521 ug/L
RT: 1.584 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV025405.D
Acq: 08 Apr 2022 12:34

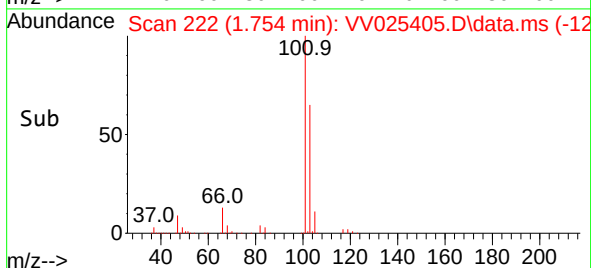
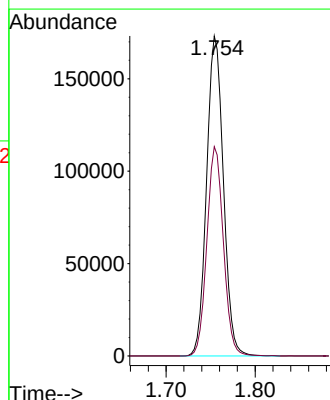
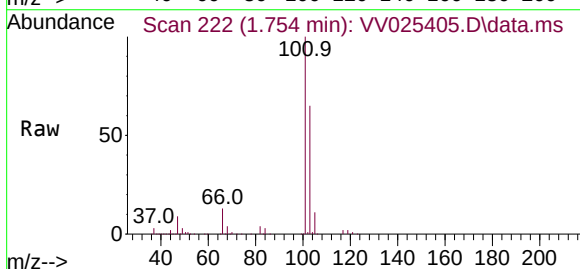
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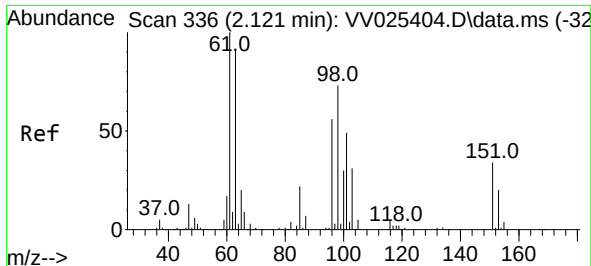
Tgt Ion: 64 Resp: 131890
Ion Ratio Lower Upper
64 100
66 32.0 21.8 40.6



#9
Trichlorofluoromethane
Concen: 7.762 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV025405.D
Acq: 08 Apr 2022 12:34

Tgt Ion: 101 Resp: 226301
Ion Ratio Lower Upper
101 100
103 64.4 51.9 77.9





#10

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

Concen: 7.358 ug/L

RT: 2.121 min Scan# 336

Delta R.T. -0.000 min

Lab File: VV025405.D

Acq: 08 Apr 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD010234

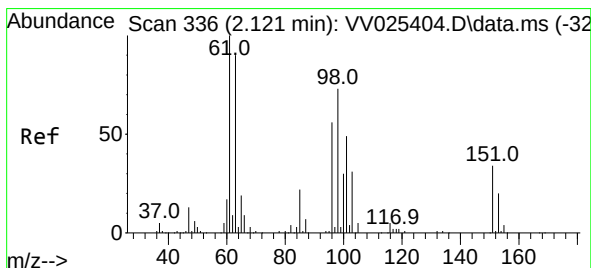
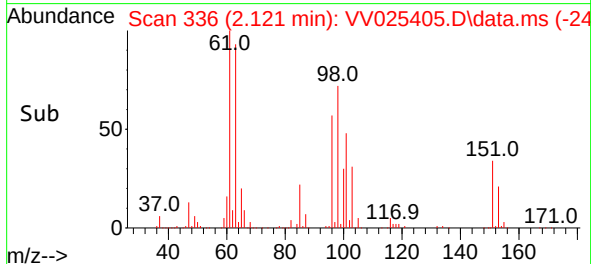
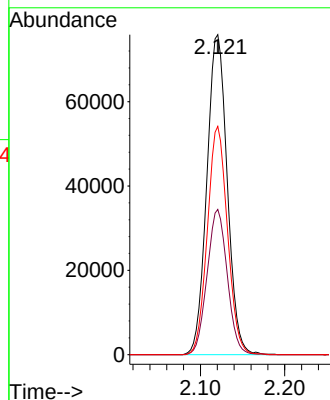
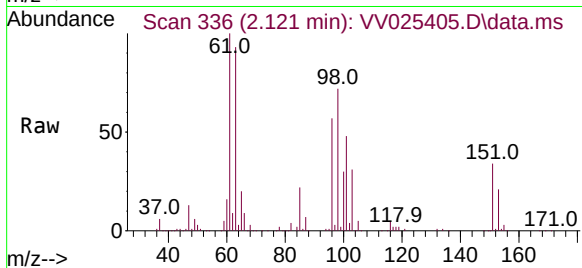
Tgt Ion:101 Resp: 127792

Ion Ratio Lower Upper

101 100

85 45.0 35.9 53.9

151 70.3 56.0 84.0



#12

1,1-Dichloroethene

Concen: 7.789 ug/L

RT: 2.121 min Scan# 336

Delta R.T. -0.000 min

Lab File: VV025405.D

Acq: 08 Apr 2022 12:34

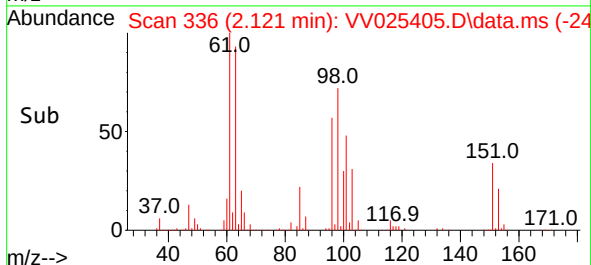
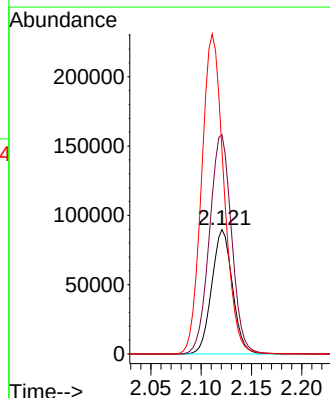
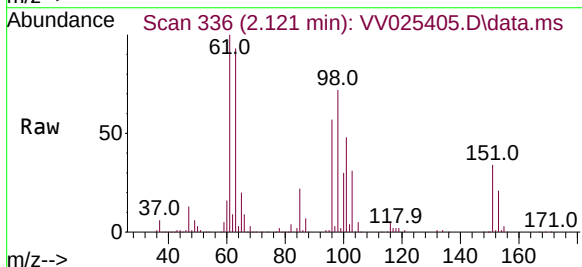
Tgt Ion: 96 Resp: 128603

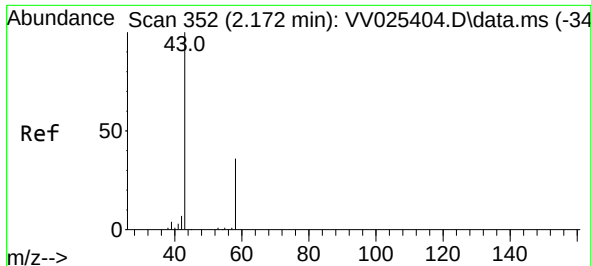
Ion Ratio Lower Upper

96 100

61 176.4 125.2 232.4

63 164.0 114.4 212.4





#13

Acetone

Concen: 88.876 ug/L

RT: 2.172 min Scan# 352

Delta R.T. -0.000 min

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Acq: 08 Apr 2022 12:34

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ClientSampleId :

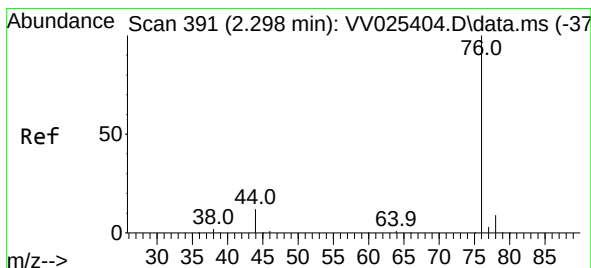
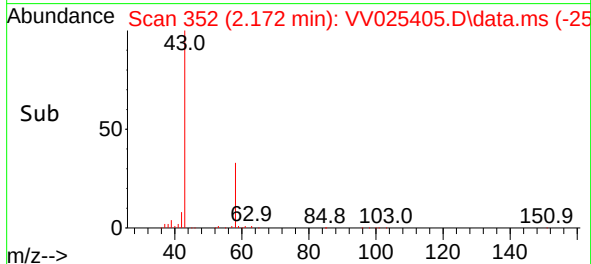
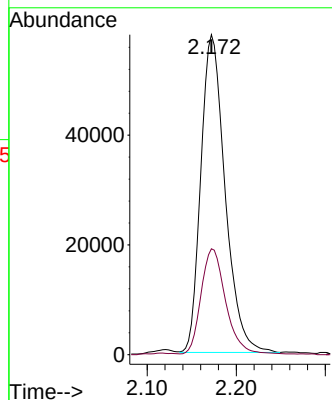
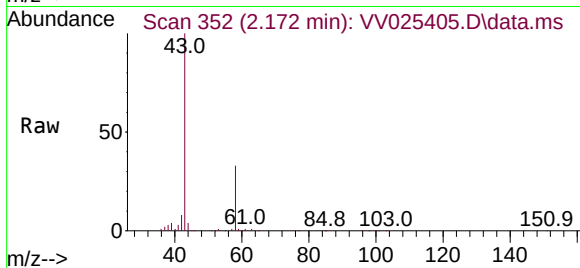
VSTD010234

Tgt Ion: 43 Resp: 109415

Ion Ratio Lower Upper

43 100

58 33.6 0.0 72.2



#14

Carbon disulfide

Concen: 8.928 ug/L

RT: 2.297 min Scan# 391

Delta R.T. -0.000 min

Lab File: VV025405.D

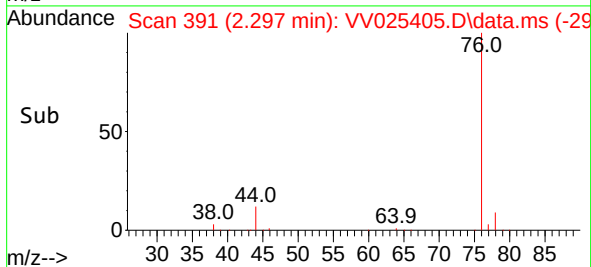
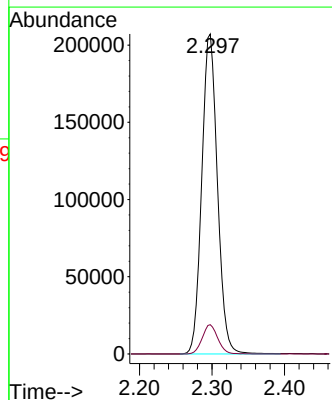
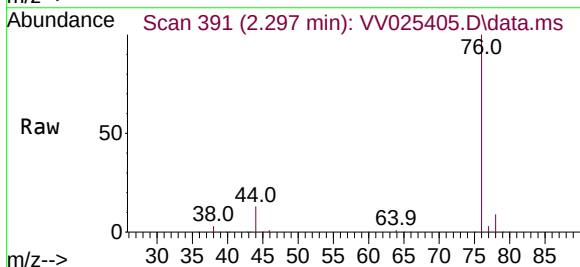
Acq: 08 Apr 2022 12:34

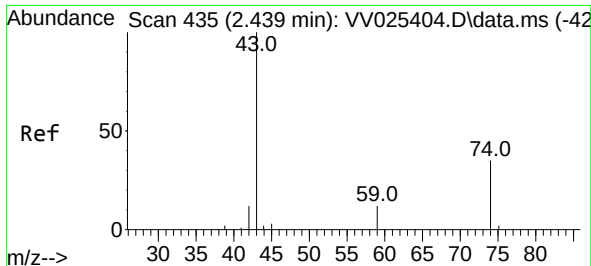
Tgt Ion: 76 Resp: 310469

Ion Ratio Lower Upper

76 100

78 9.1 7.3 10.9

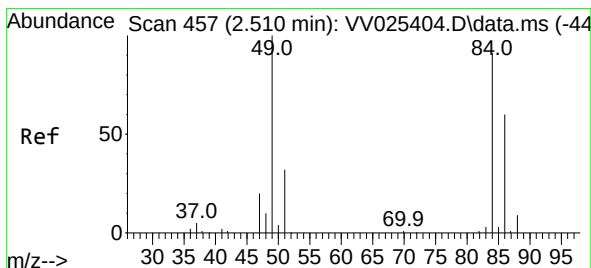
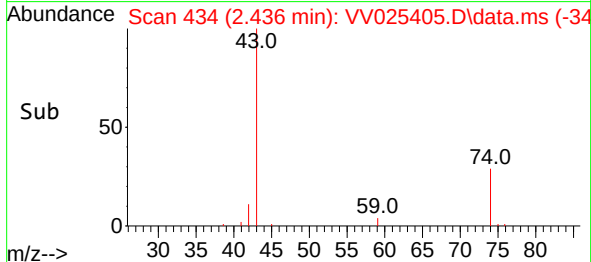
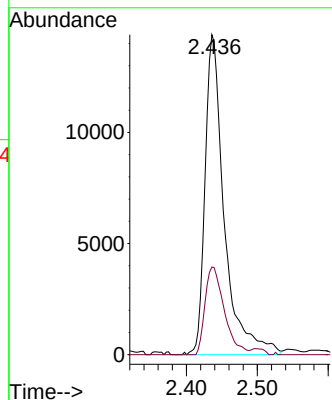
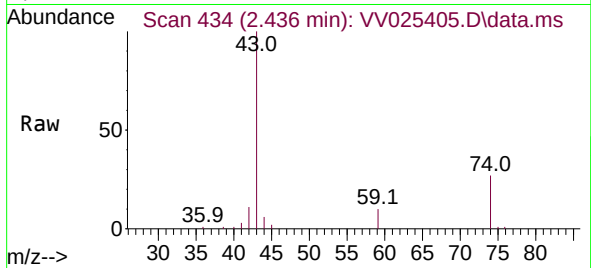




#15
Methyl Acetate
Concen: 9.767 ug/L
RT: 2.436 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV025405.D
Acq: 08 Apr 2022 12:34

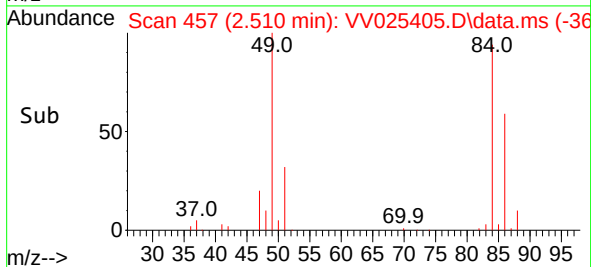
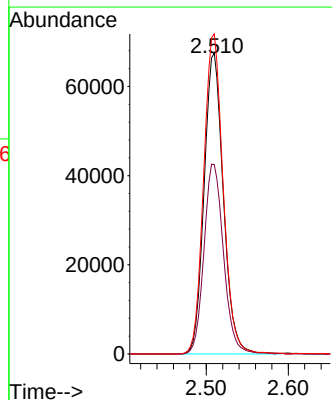
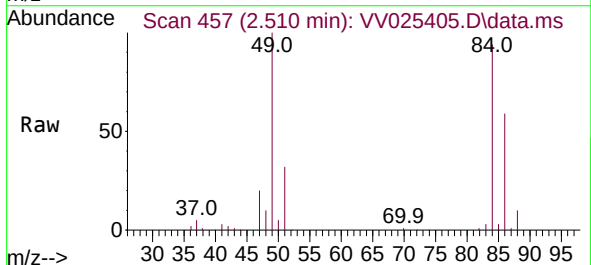
Instrument :
MSVOA_V
ClientSampleId :
VSTD010234

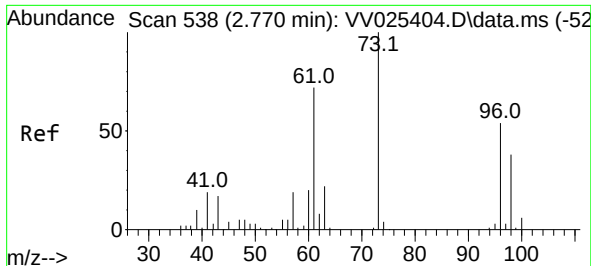
Tgt Ion: 43 Resp: 27095
Ion Ratio Lower Upper
43 100
74 27.5 25.2 37.8



#16
Methylene chloride
Concen: 8.225 ug/L
RT: 2.510 min Scan# 457
Delta R.T. -0.000 min
Lab File: VV025405.D
Acq: 08 Apr 2022 12:34

Tgt Ion: 84 Resp: 109880
Ion Ratio Lower Upper
84 100
86 62.9 45.9 85.3
49 106.3 76.6 142.3





#17

Methyl tert-butyl Ether

Concen: 9.085 ug/L

RT: 2.770 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV025405.D

Acq: 08 Apr 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD010234

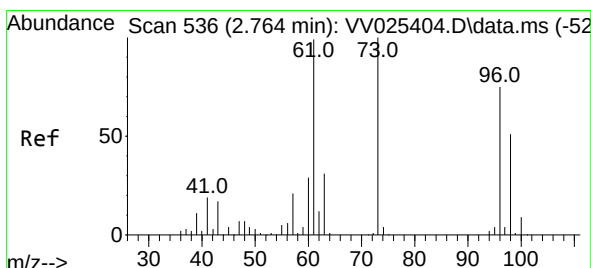
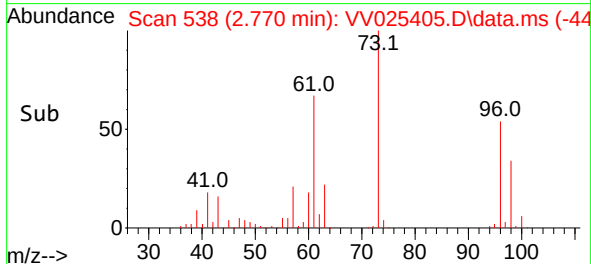
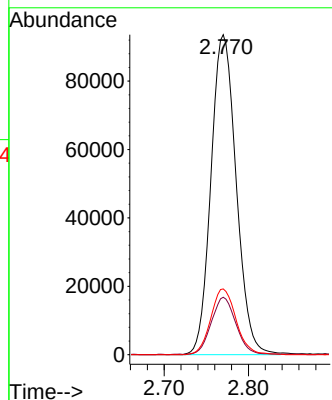
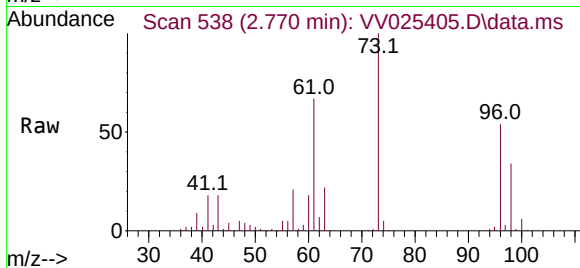
Tgt Ion: 73 Resp: 194618

Ion Ratio Lower Upper

73 100

43 17.3 14.2 21.4

57 0.0 16.1 24.1#



#18

trans-1,2-Dichloroethene

Concen: 9.067 ug/L

RT: 2.764 min Scan# 536

Delta R.T. -0.000 min

Lab File: VV025405.D

Acq: 08 Apr 2022 12:34

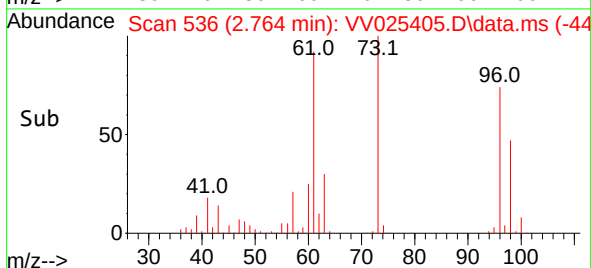
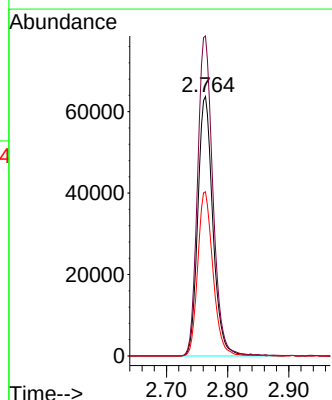
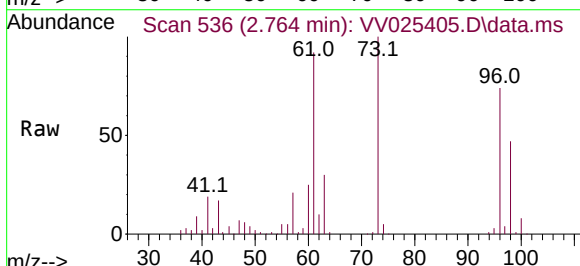
Tgt Ion: 96 Resp: 109305

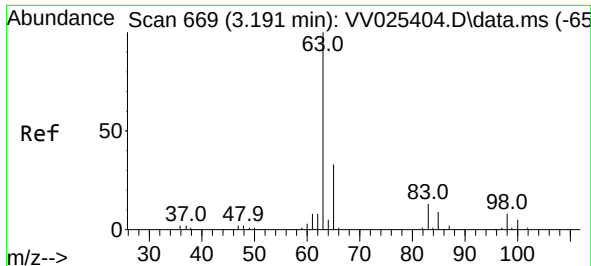
Ion Ratio Lower Upper

96 100

61 123.3 92.1 171.1

98 63.3 47.5 88.1





#19

1,1-Dichloroethane

Concen: 8.815 ug/L

RT: 3.191 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV025405.D

Acq: 08 Apr 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD010234

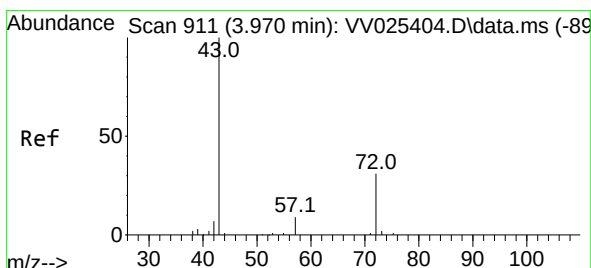
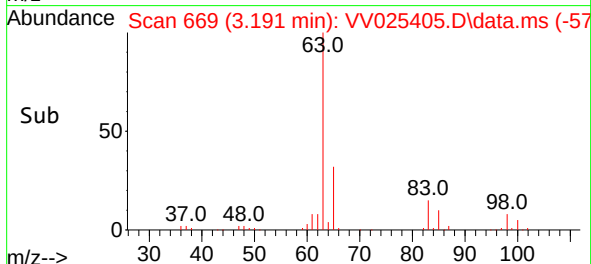
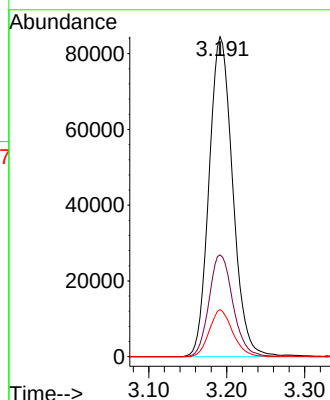
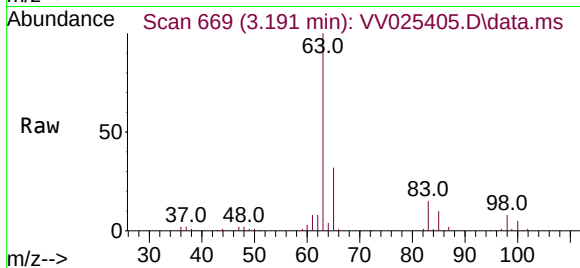
Tgt Ion: 63 Resp: 177995

Ion Ratio Lower Upper

63 100

65 31.8 23.2 43.0

83 14.7 9.0 16.8



#21

2-Butanone

Concen: 97.023 ug/L

RT: 3.966 min Scan# 910

Delta R.T. -0.003 min

Lab File: VV025405.D

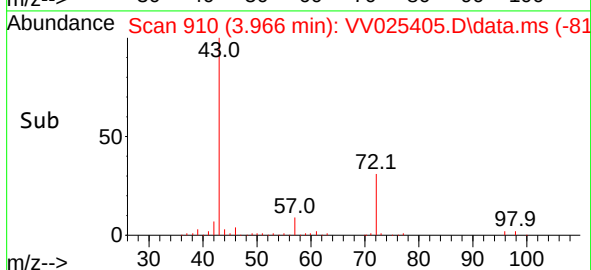
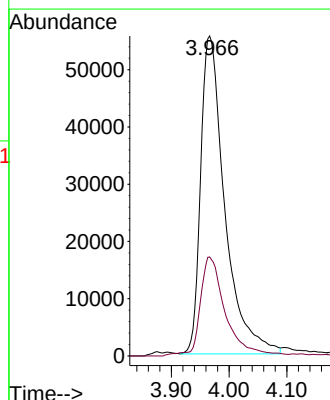
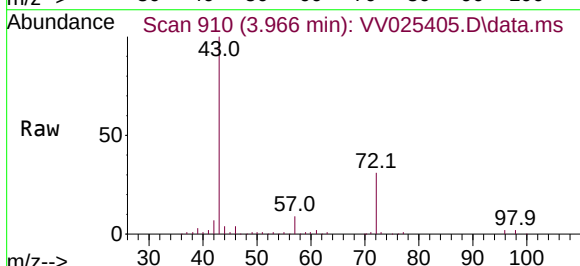
Acq: 08 Apr 2022 12:34

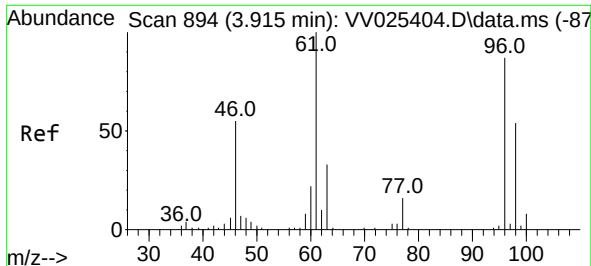
Tgt Ion: 43 Resp: 161138

Ion Ratio Lower Upper

43 100

72 32.4 15.2 45.6





#22

cis-1,2-Dichloroethene

Concen: 9.223 ug/L

RT: 3.912 min Scan# 894

Delta R.T. -0.003 min

Lab File: VV025405.D

Acq: 08 Apr 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD010234

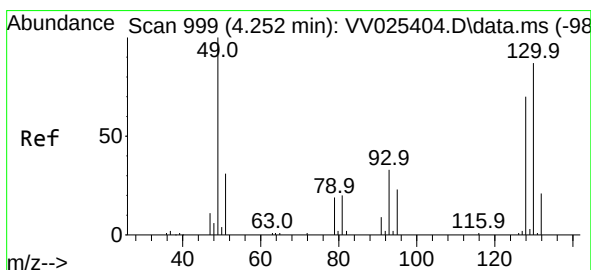
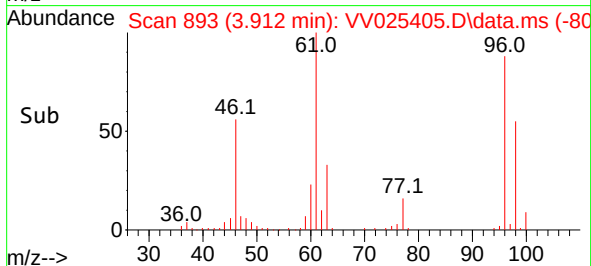
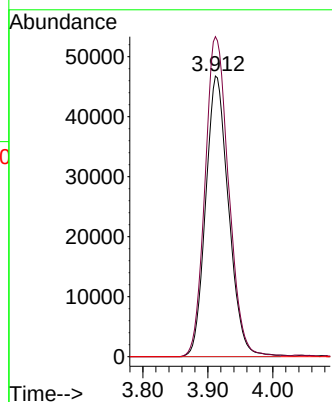
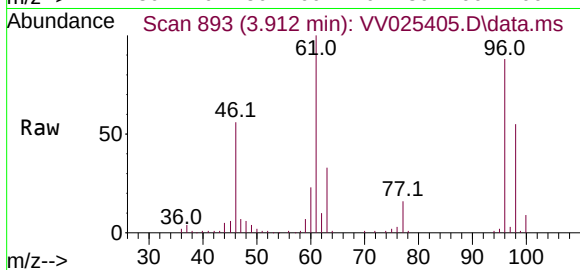
Tgt Ion: 96 Resp: 114960

Ion Ratio Lower Upper

96 100

61 114.0 80.0 148.6

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 9.234 ug/L

RT: 4.249 min Scan# 998

Delta R.T. -0.003 min

Lab File: VV025405.D

Acq: 08 Apr 2022 12:34

Tgt Ion: 128 Resp: 47172

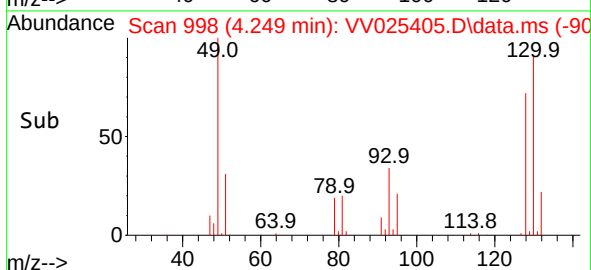
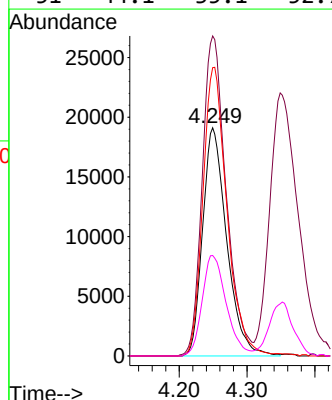
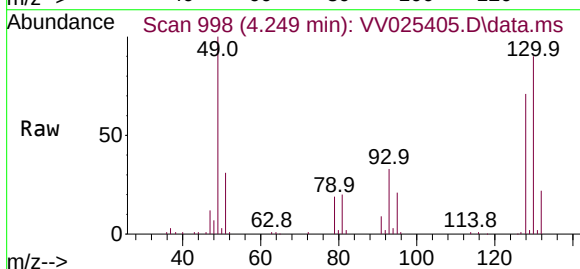
Ion Ratio Lower Upper

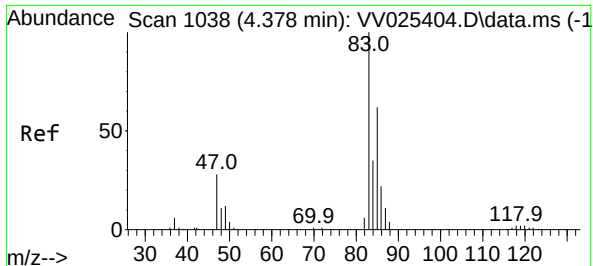
128 100

49 140.3 100.5 186.7

130 126.4 87.8 163.0

51 44.1 35.1 52.7





#25

Chloroform

Concen: 8.738 ug/L

RT: 4.378 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV025405.D

Acq: 08 Apr 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

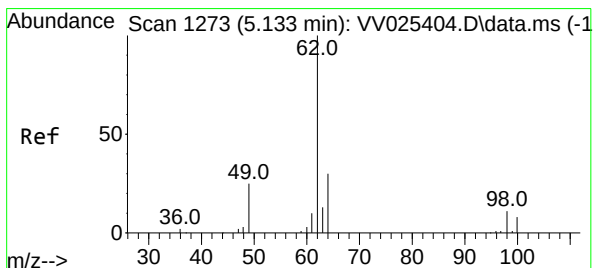
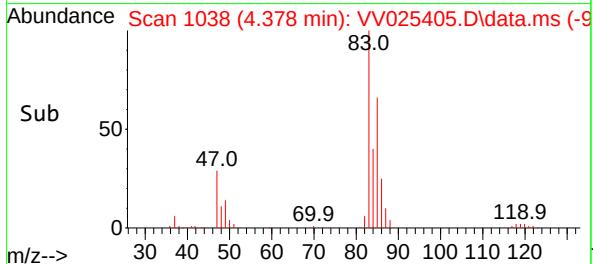
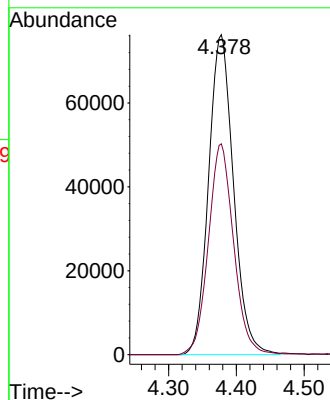
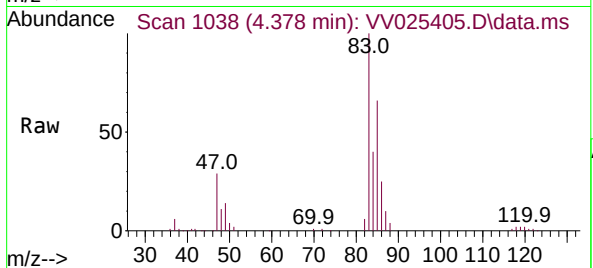
VSTD010234

Tgt Ion: 83 Resp: 195012

Ion Ratio Lower Upper

83 100

85 65.9 43.5 80.7



#27

1,2-Dichloroethane

Concen: 8.695 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.003 min

Lab File: VV025405.D

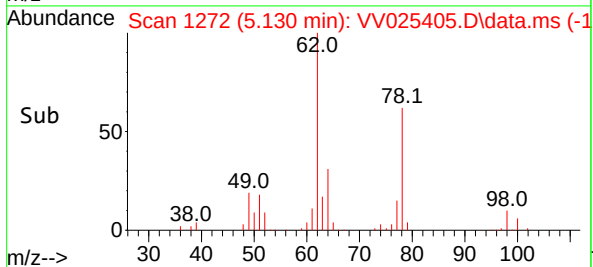
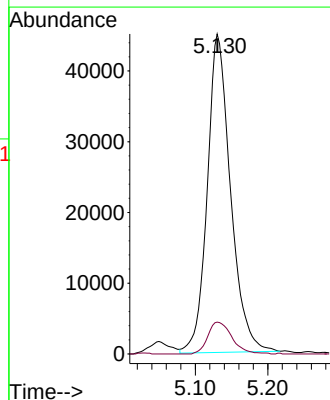
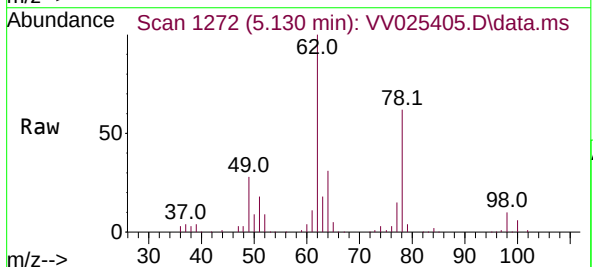
Acq: 08 Apr 2022 12:34

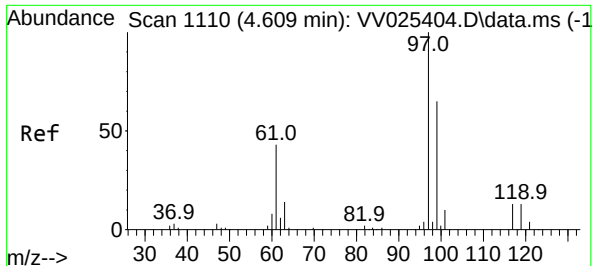
Tgt Ion: 62 Resp: 100524

Ion Ratio Lower Upper

62 100

98 10.0 8.8 13.2





#29

1,1,1-Trichloroethane

Concen: 8.877 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VV025405.D

Acq: 08 Apr 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD010234

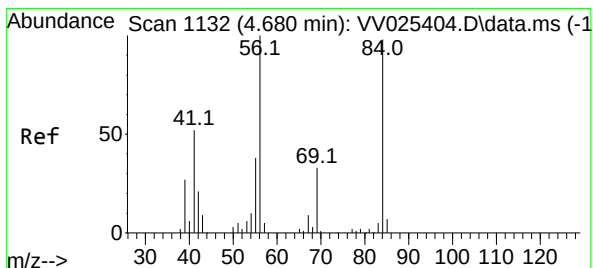
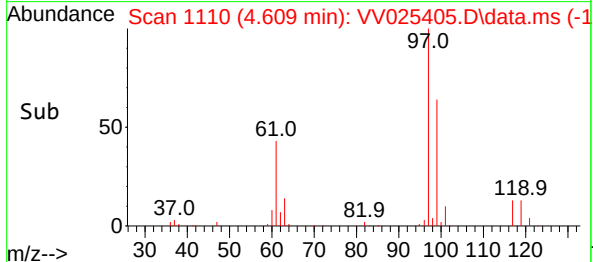
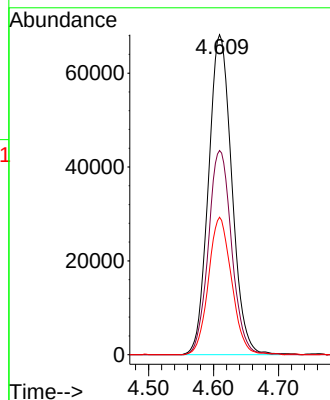
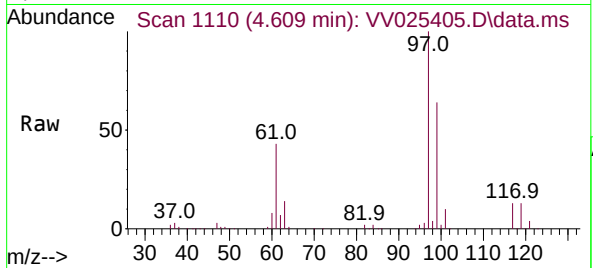
Tgt Ion: 97 Resp: 170230

Ion Ratio Lower Upper

97 100

99 63.6 51.5 77.3

61 42.5 34.3 51.5



#30

Cyclohexane

Concen: 9.222 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VV025405.D

Acq: 08 Apr 2022 12:34

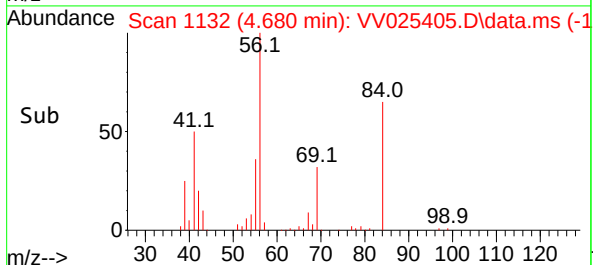
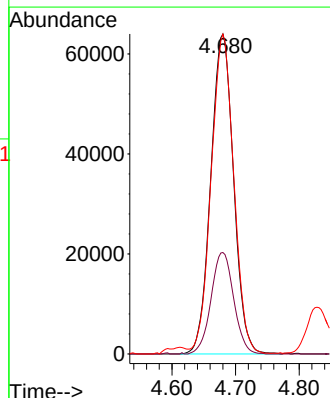
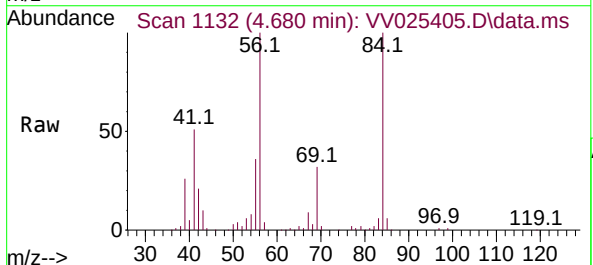
Tgt Ion: 56 Resp: 159098

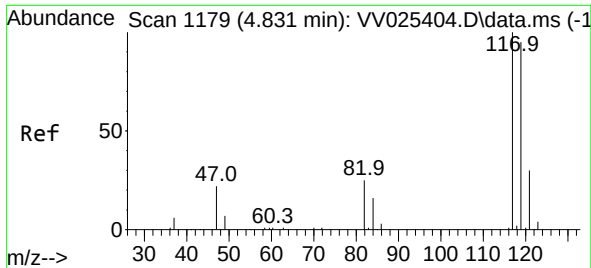
Ion Ratio Lower Upper

56 100

69 31.6 26.1 39.1

84 98.6 78.6 118.0

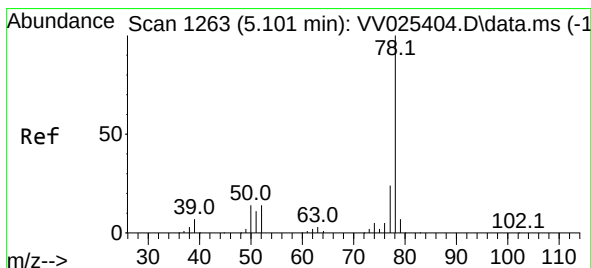
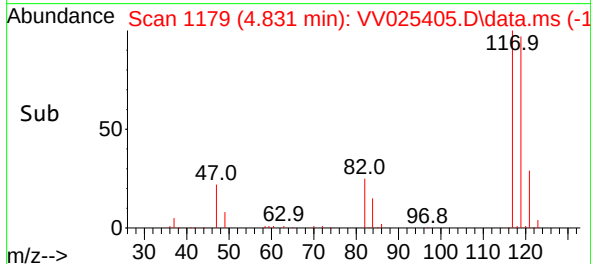
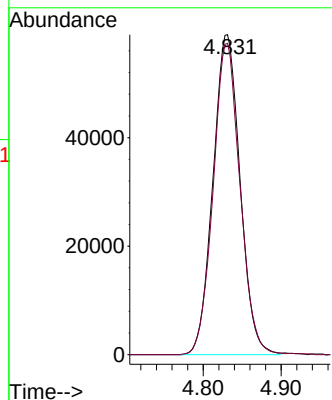
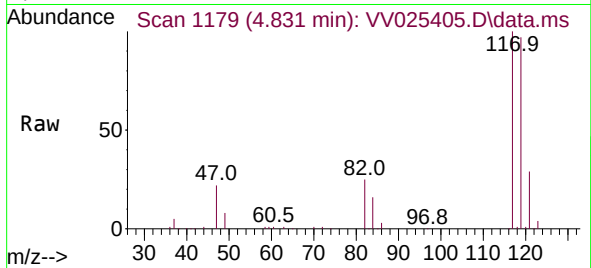




#31
Carbon tetrachloride
Concen: 8.608 ug/L
RT: 4.831 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VV025405.D
Acq: 08 Apr 2022 12:34

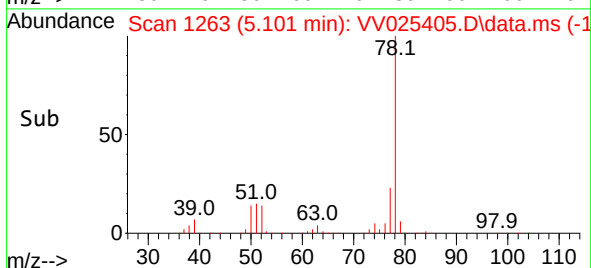
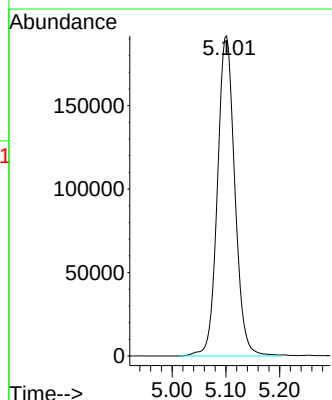
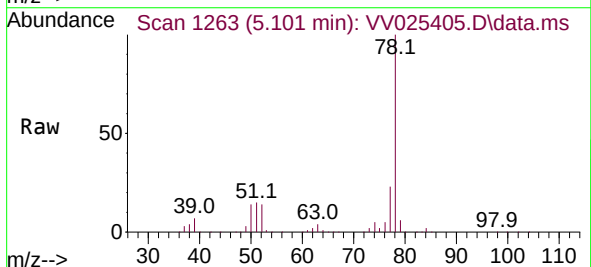
Instrument :
MSVOA_V
ClientSampleId :
VSTD010234

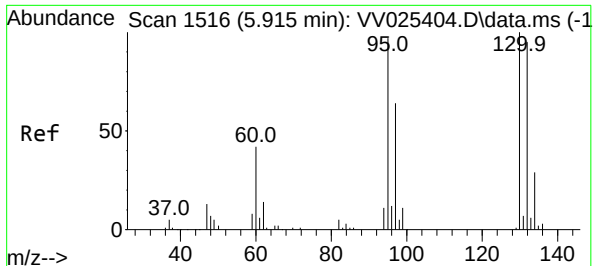
Tgt Ion:117 Resp: 142415
Ion Ratio Lower Upper
117 100
119 96.4 76.6 114.8



#33
Benzene
Concen: 9.187 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VV025405.D
Acq: 08 Apr 2022 12:34

Tgt Ion: 78 Resp: 431188

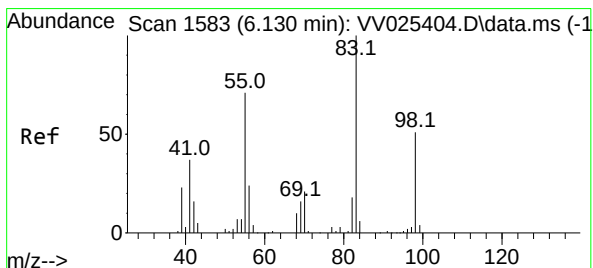
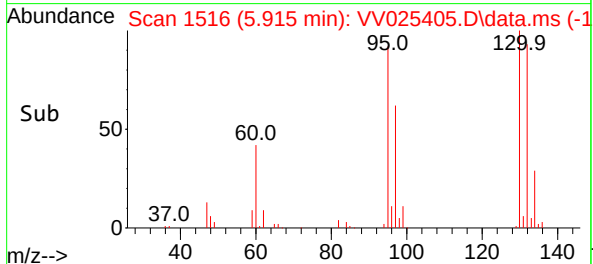
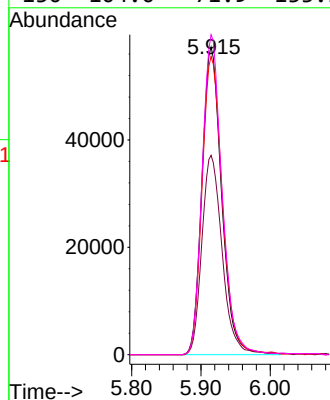
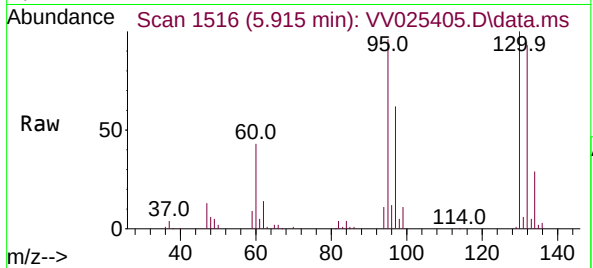




#34
Trichloroethene
Concen: 8.791 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV025405.D
Acq: 08 Apr 2022 12:34

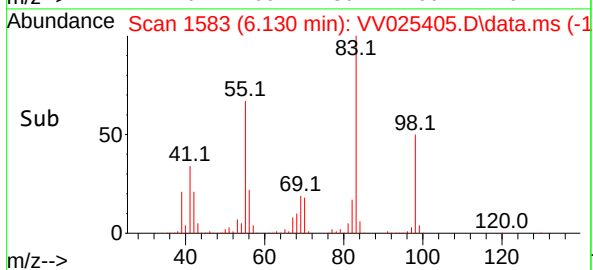
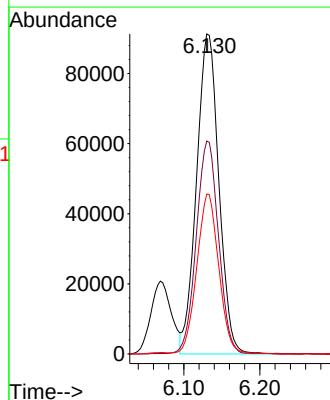
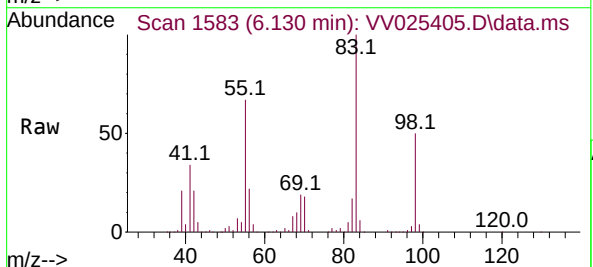
Instrument :
MSVOA_V
ClientSampleId :
VSTD010234

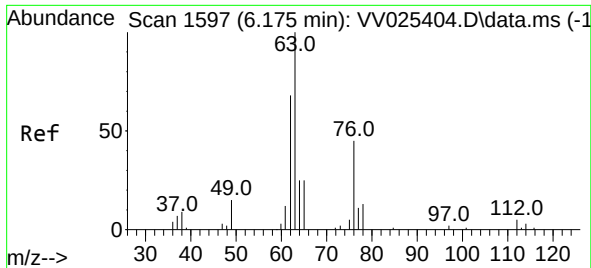
Tgt Ion: 95 Resp: 113622
Ion Ratio Lower Upper
95 100
97 64.8 45.8 85.2
132 96.9 68.0 126.4
130 104.0 71.9 133.5



#35
Methylcyclohexane
Concen: 9.248 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV025405.D
Acq: 08 Apr 2022 12:34

Tgt Ion: 83 Resp: 186209
Ion Ratio Lower Upper
83 100
55 65.7 53.7 80.5
98 49.3 39.6 59.4





#37

1,2-Dichloropropane

Concen: 8.834 ug/L

RT: 6.172 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025405.D

Acq: 08 Apr 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

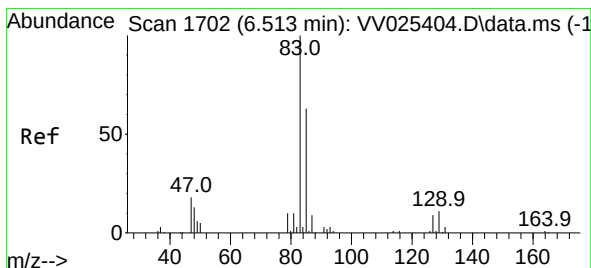
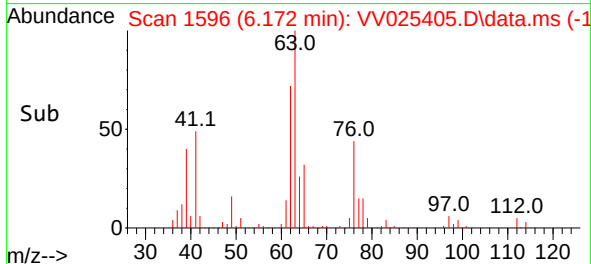
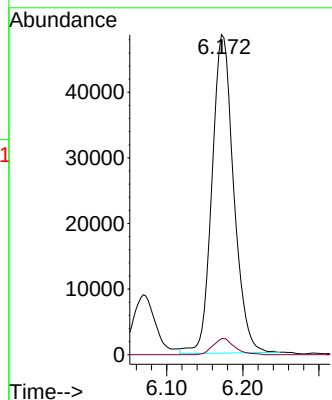
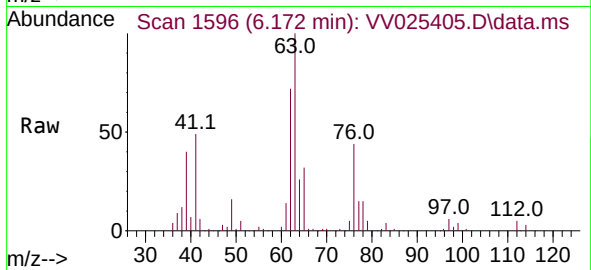
VSTD010234

Tgt Ion: 63 Resp: 96269

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.8



#38

Bromodichloromethane

Concen: 8.908 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.003 min

Lab File: VV025405.D

Acq: 08 Apr 2022 12:34

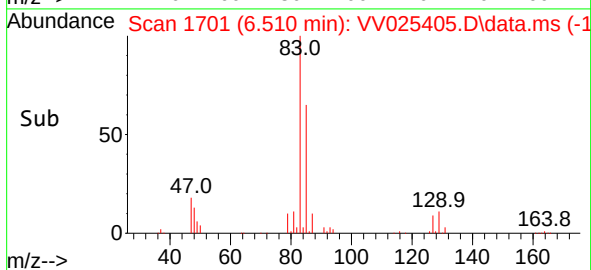
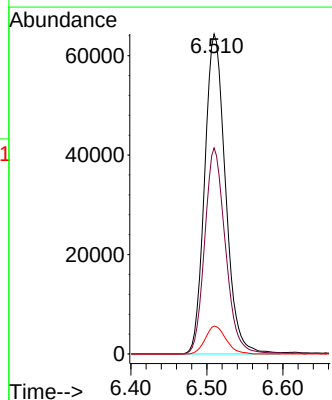
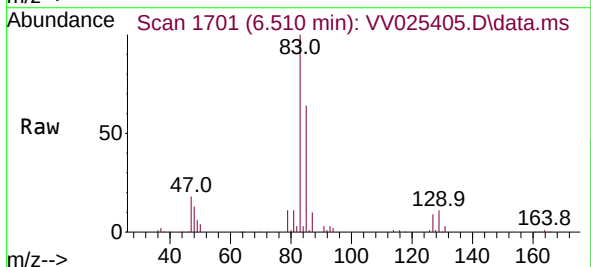
Tgt Ion: 83 Resp: 122671

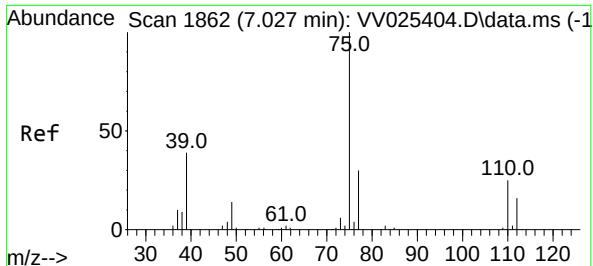
Ion Ratio Lower Upper

83 100

85 64.4 44.4 82.4

127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 9.660 ug/L

RT: 7.027 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV025405.D

Acq: 08 Apr 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

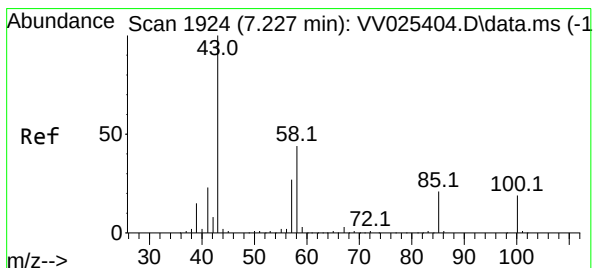
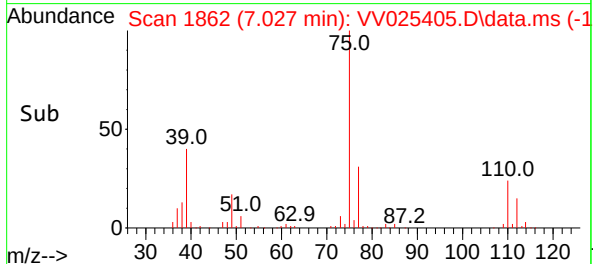
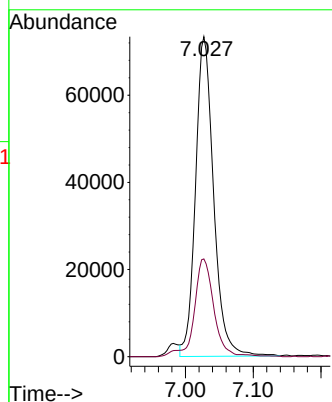
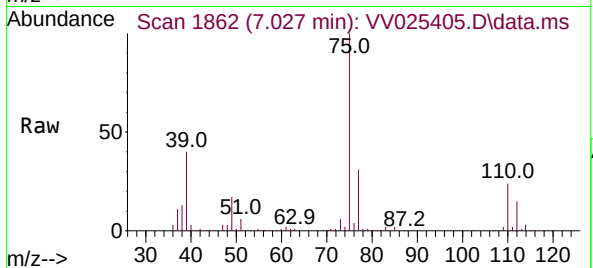
VSTD010234

Tgt Ion: 75 Resp: 135988

Ion Ratio Lower Upper

75 100

77 30.5 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 94.464 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.003 min

Lab File: VV025405.D

Acq: 08 Apr 2022 12:34

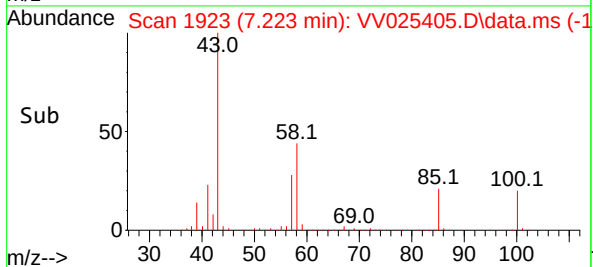
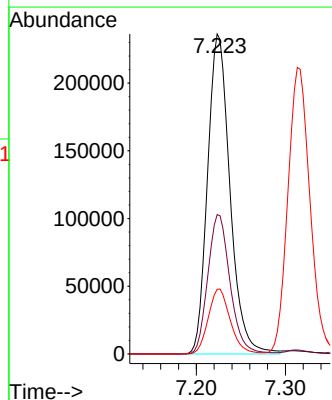
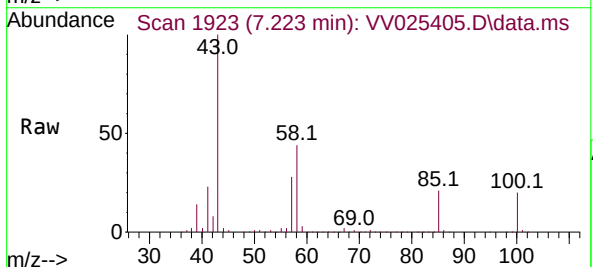
Tgt Ion: 43 Resp: 412688

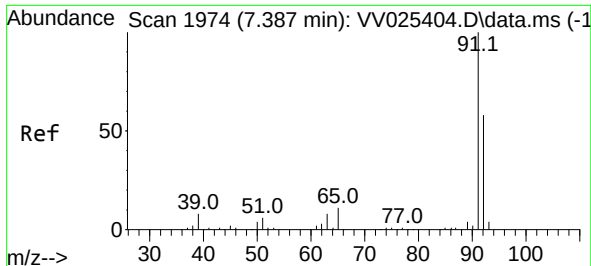
Ion Ratio Lower Upper

43 100

58 43.3 35.1 52.7

100 19.9 15.3 22.9





#42

Toluene

Concen: 9.536 ug/L

RT: 7.387 min Scan# 1974

Delta R.T. -0.000 min

Lab File: VV025405.D

Acq: 08 Apr 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

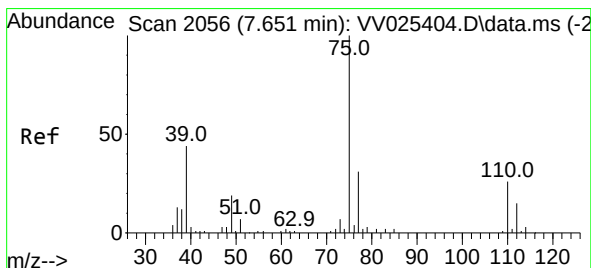
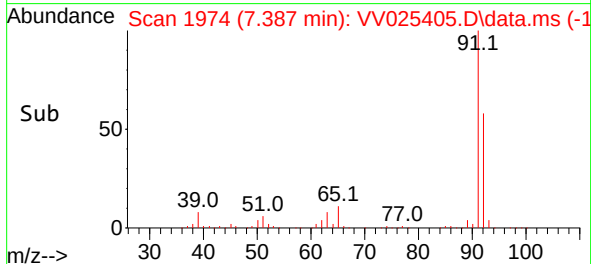
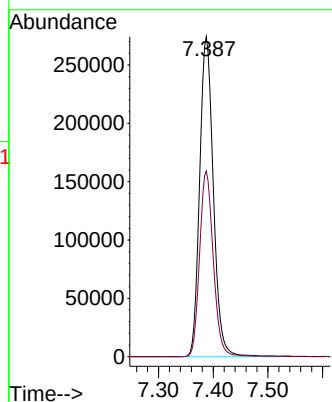
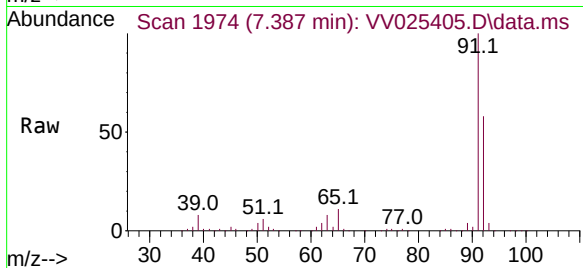
VSTD010234

Tgt Ion: 91 Resp: 476257

Ion Ratio Lower Upper

91 100

92 58.0 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 9.888 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV025405.D

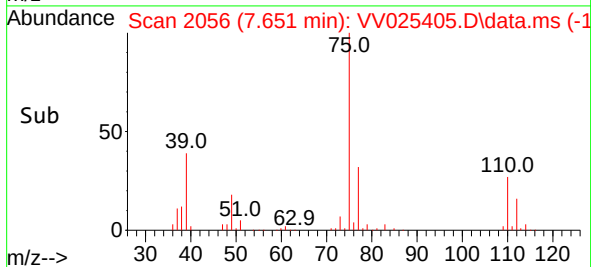
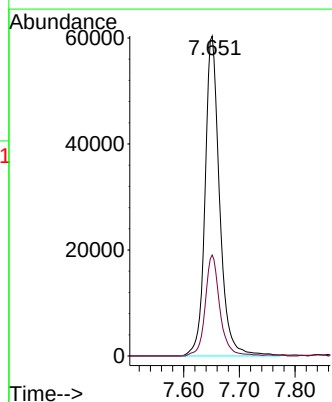
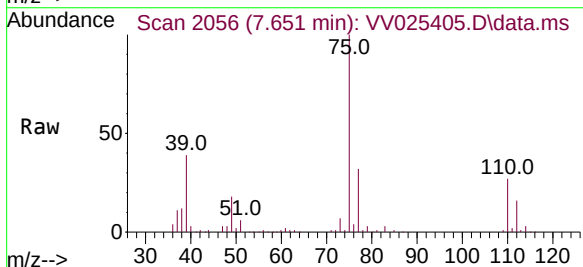
Acq: 08 Apr 2022 12:34

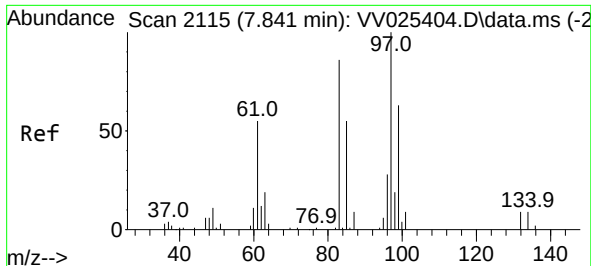
Tgt Ion: 75 Resp: 109750

Ion Ratio Lower Upper

75 100

77 31.5 21.7 40.3

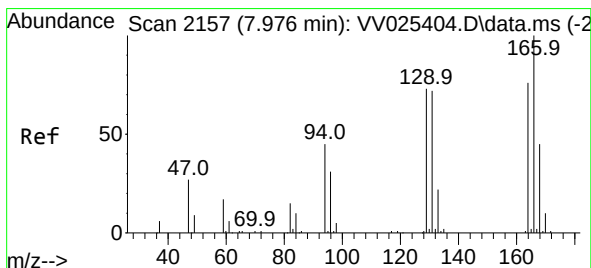
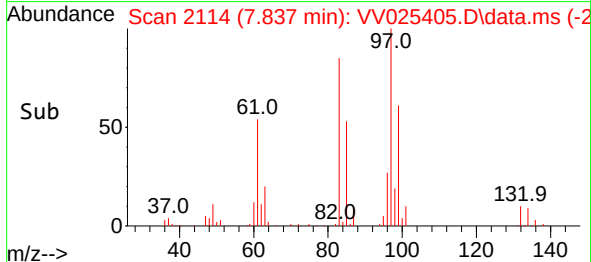
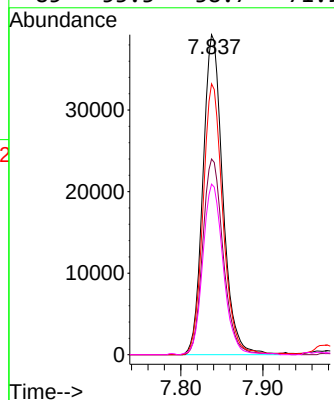
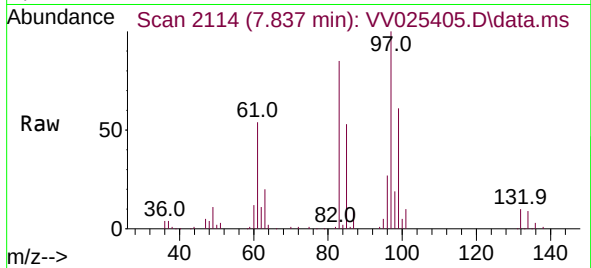




#45
1,1,2-Trichloroethane
Concen: 8.925 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.003 min
Lab File: VV025405.D
Acq: 08 Apr 2022 12:34

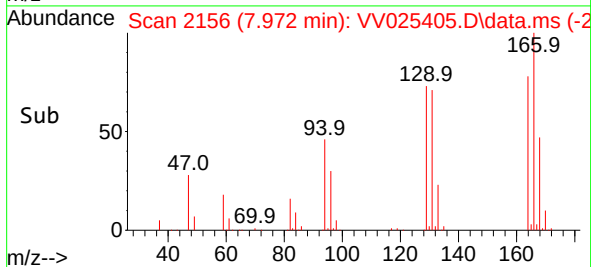
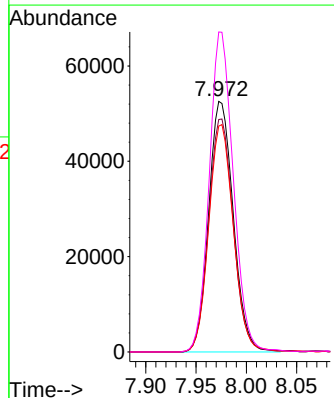
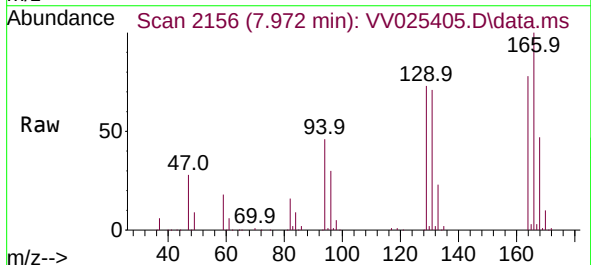
Instrument :
MSVOA_V
ClientSampleId :
VSTD010234

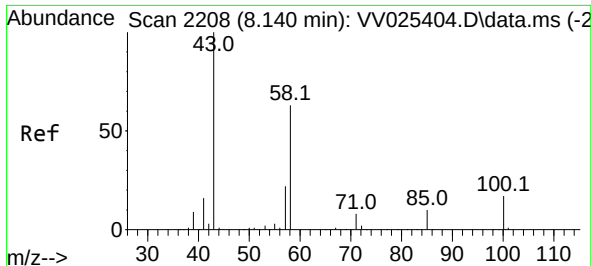
Tgt Ion:	97	Resp:	66206
Ion	Ratio	Lower	Upper
97	100		
99	61.1	43.8	81.4
83	84.7	60.3	112.1
85	53.3	38.7	71.9



#47
Tetrachloroethene
Concen: 9.462 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.003 min
Lab File: VV025405.D
Acq: 08 Apr 2022 12:34

Tgt Ion:	164	Resp:	89707
Ion	Ratio	Lower	Upper
164	100		
129	92.8	66.8	124.2
131	90.1	66.4	123.4
166	127.7	91.7	170.3



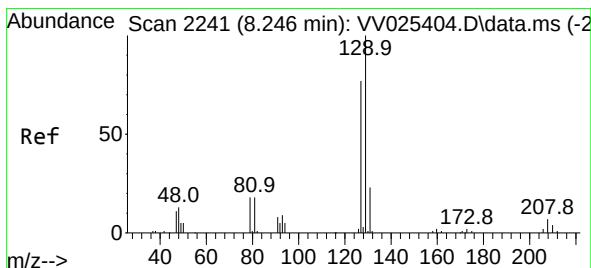
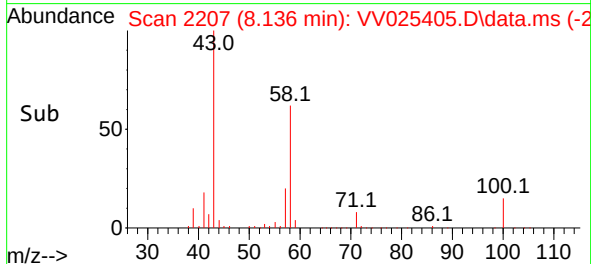
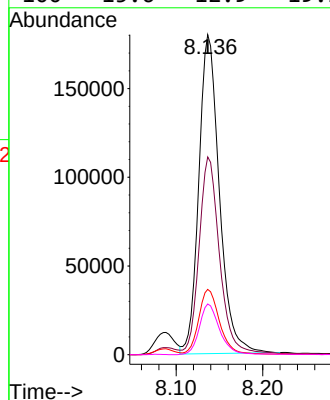
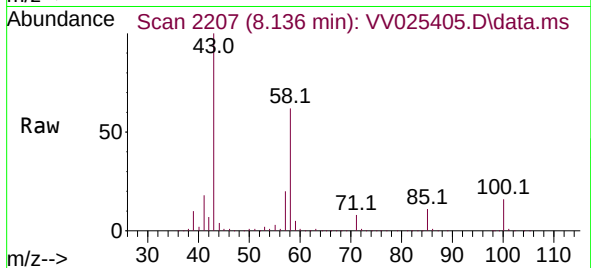


#48
2-Hexanone
Concen: 95.449 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025405.D
Acq: 08 Apr 2022 12:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD010234

Tgt Ion: 43 Resp: 296168

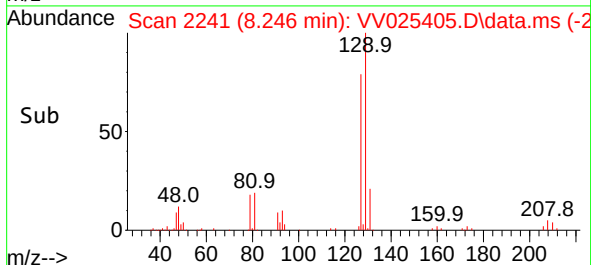
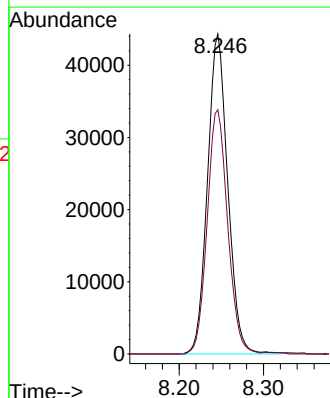
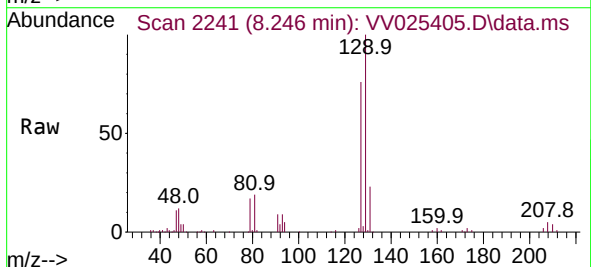
Ion	Ratio	Lower	Upper
43	100		
58	61.6	49.7	74.5
57	20.5	16.4	24.6
100	15.6	12.9	19.3

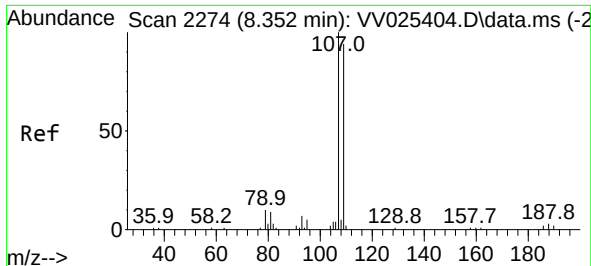


#49
Dibromochloromethane
Concen: 9.239 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV025405.D
Acq: 08 Apr 2022 12:34

Tgt Ion: 129 Resp: 74158

Ion	Ratio	Lower	Upper
129	100		
127	76.3	53.8	100.0





#50

1,2-Dibromoethane

Concen: 8.827 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV025405.D

Acq: 08 Apr 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD010234

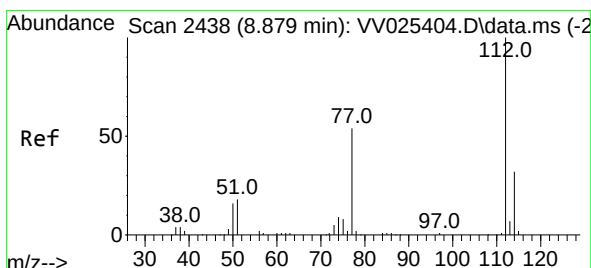
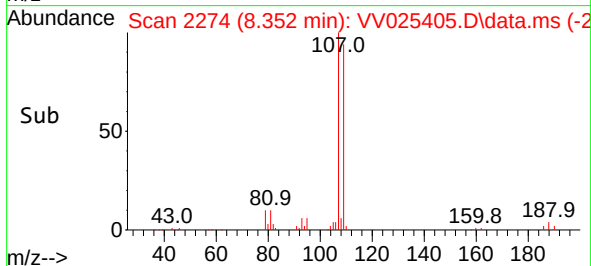
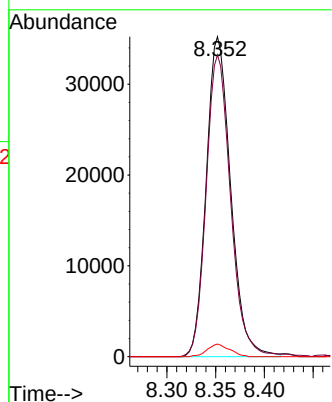
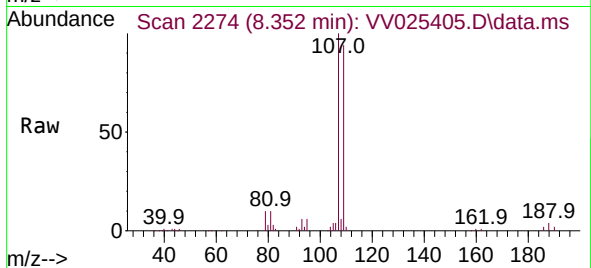
Tgt Ion:107 Resp: 61413

Ion Ratio Lower Upper

107 100

109 94.3 65.9 122.3

188 3.9 2.7 4.1



#51

Chlorobenzene

Concen: 9.096 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV025405.D

Acq: 08 Apr 2022 12:34

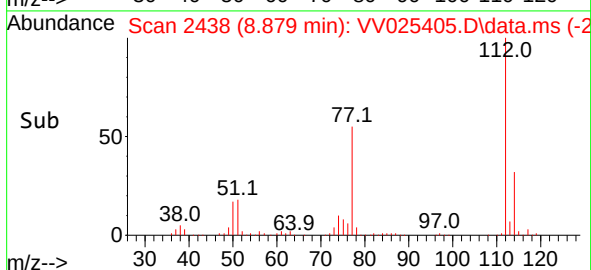
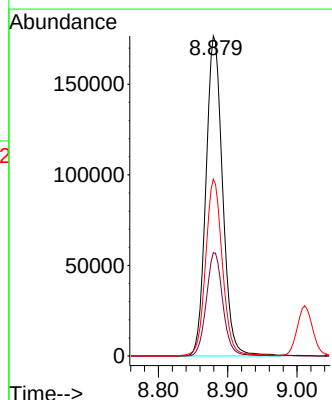
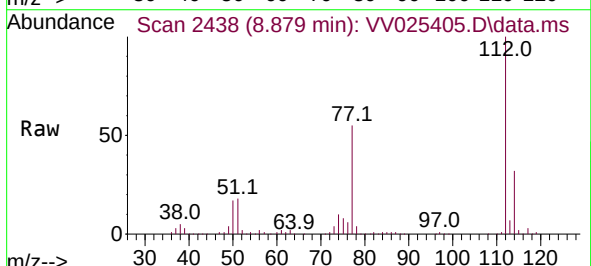
Tgt Ion:112 Resp: 294371

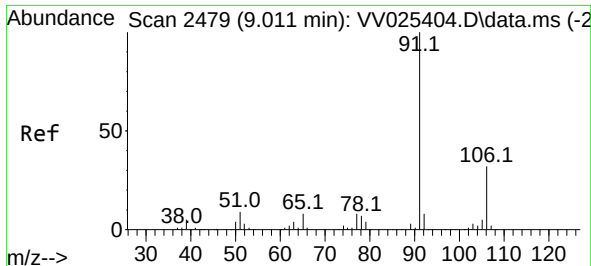
Ion Ratio Lower Upper

112 100

114 32.3 22.4 41.6

77 55.3 43.7 65.5

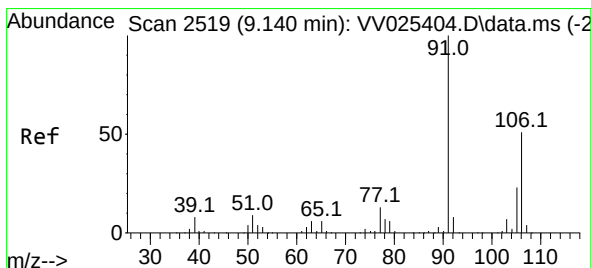
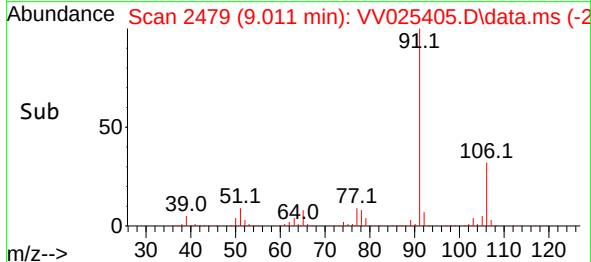
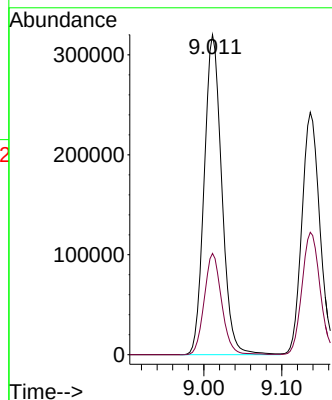
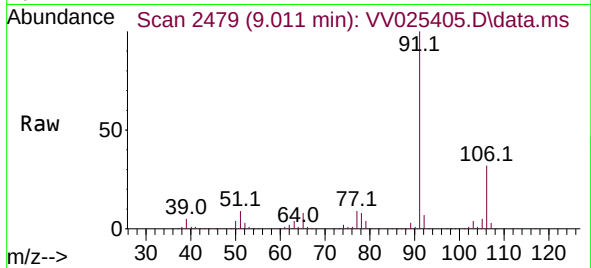




#52
Ethylbenzene
Concen: 9.467 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV025405.D
Acq: 08 Apr 2022 12:34

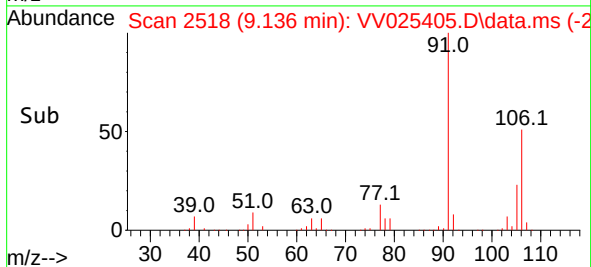
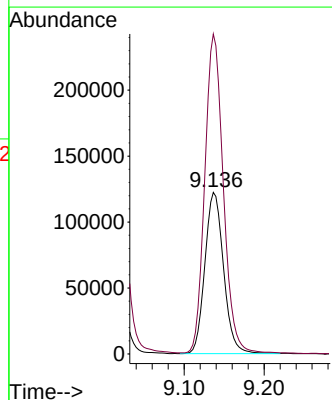
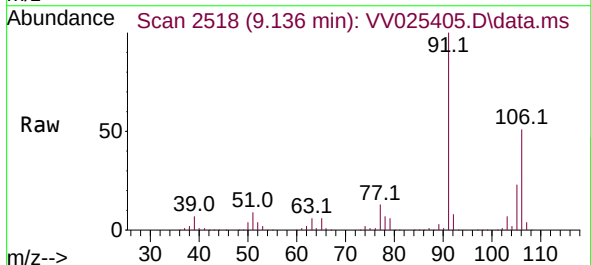
Instrument :
MSVOA_V
ClientSampleId :
VSTD010234

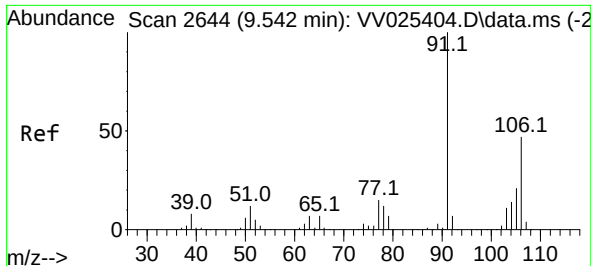
Tgt Ion: 91 Resp: 501746
Ion Ratio Lower Upper
91 100
106 31.7 22.3 41.3



#53
m,p-Xylene
Concen: 9.660 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.003 min
Lab File: VV025405.D
Acq: 08 Apr 2022 12:34

Tgt Ion: 106 Resp: 199377
Ion Ratio Lower Upper
106 100
91 198.0 136.4 253.4

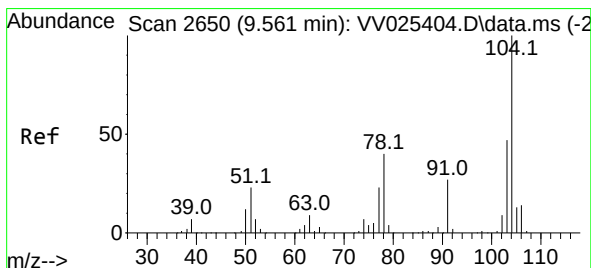
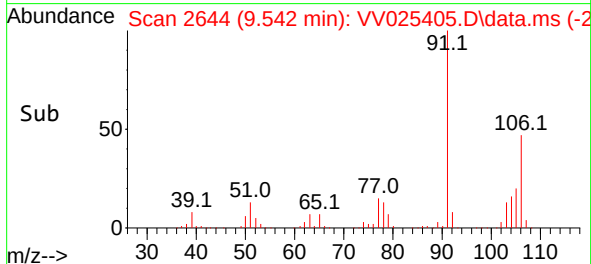
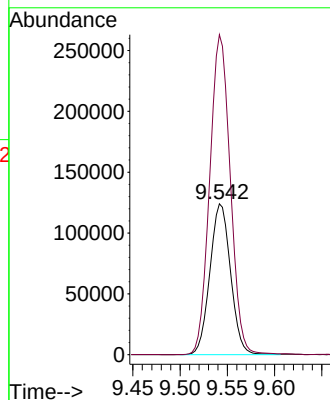
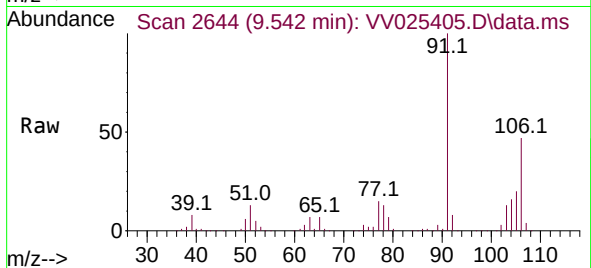




#54
o-Xylene
Concen: 9.601 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025405.D
Acq: 08 Apr 2022 12:34

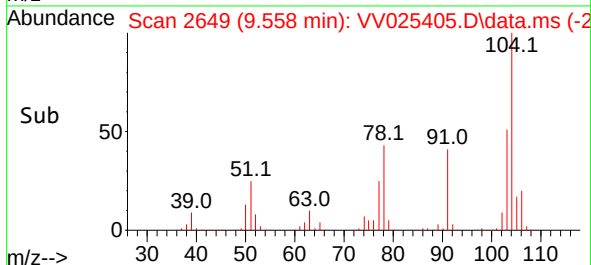
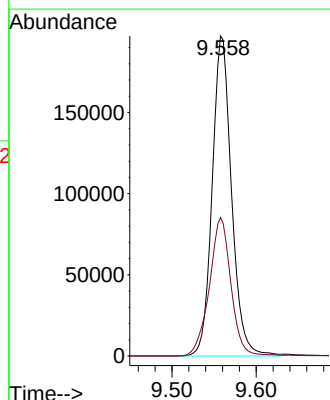
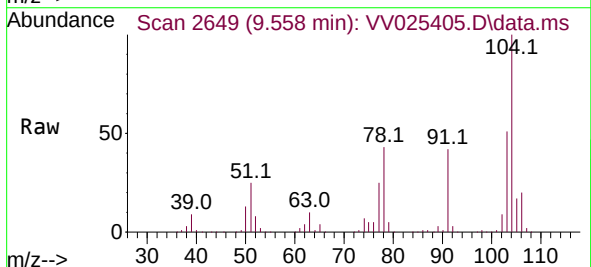
Instrument :
MSVOA_V
ClientSampleId :
VSTD010234

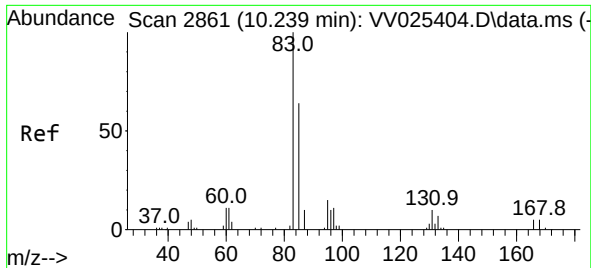
Tgt Ion:106 Resp: 188725
Ion Ratio Lower Upper
106 100
91 212.1 150.4 279.2



#55
Styrene
Concen: 9.720 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV025405.D
Acq: 08 Apr 2022 12:34

Tgt Ion:104 Resp: 313670
Ion Ratio Lower Upper
104 100
78 43.3 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 8.479 ug/L

RT: 10.239 min Scan# 2861

Delta R.T. -0.000 min

Lab File: VV025405.D

Acq: 08 Apr 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD010234

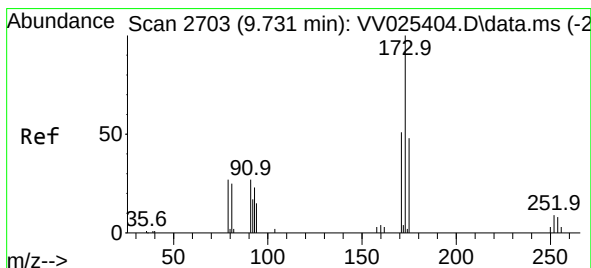
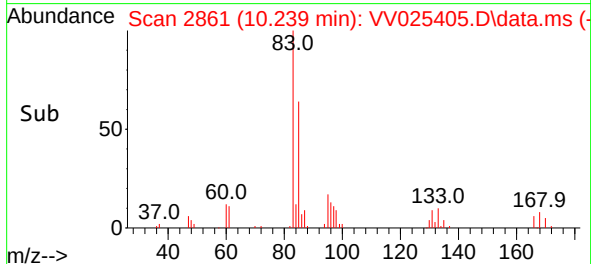
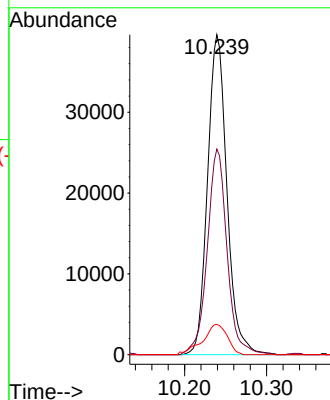
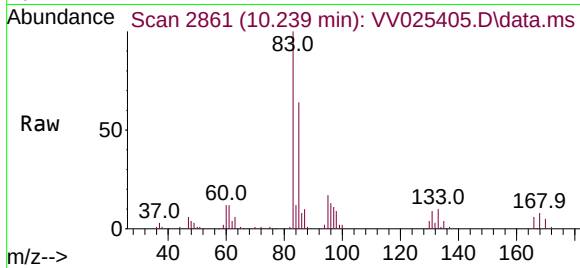
Tgt Ion: 83 Resp: 65128

Ion Ratio Lower Upper

83 100

85 64.3 45.1 83.9

131 9.5 7.9 11.9



#59

Bromoform

Concen: 9.103 ug/L

RT: 9.731 min Scan# 2703

Delta R.T. -0.000 min

Lab File: VV025405.D

Acq: 08 Apr 2022 12:34

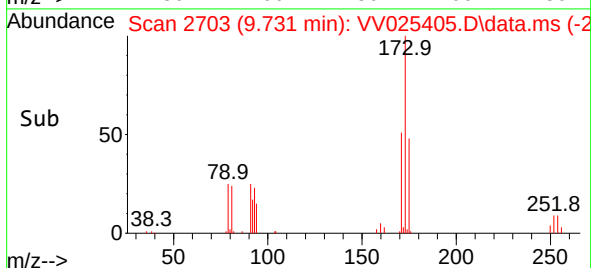
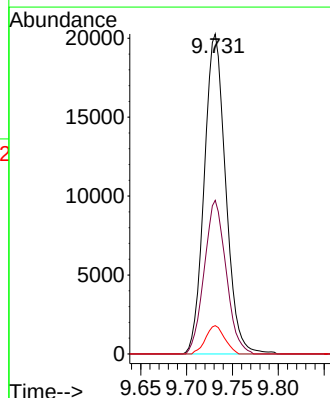
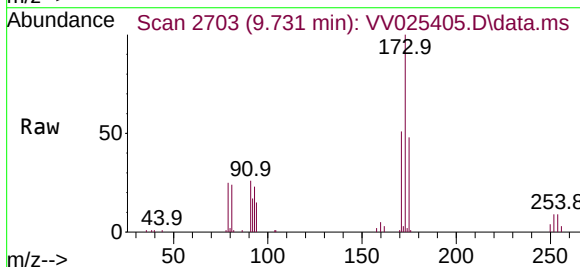
Tgt Ion: 173 Resp: 33000

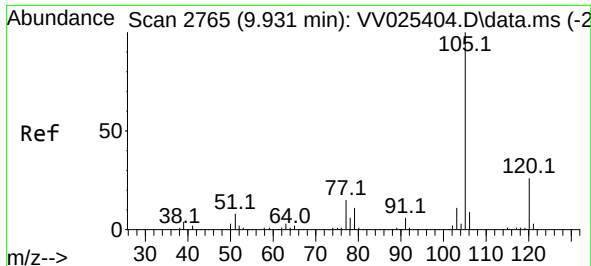
Ion Ratio Lower Upper

173 100

175 48.9 40.8 61.2

254 7.9 7.0 10.6

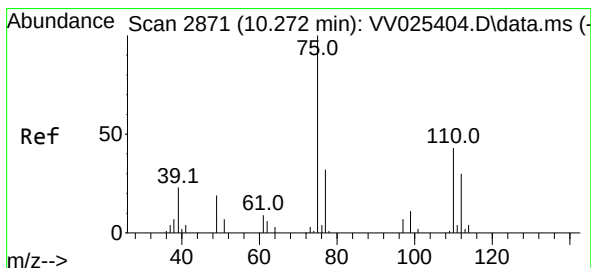
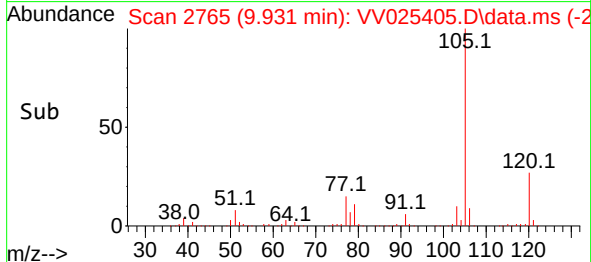
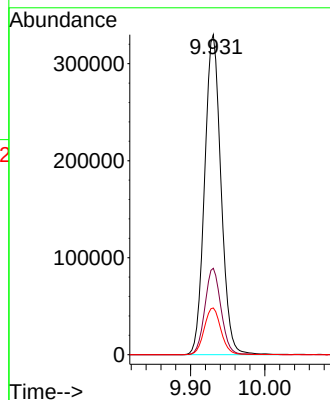
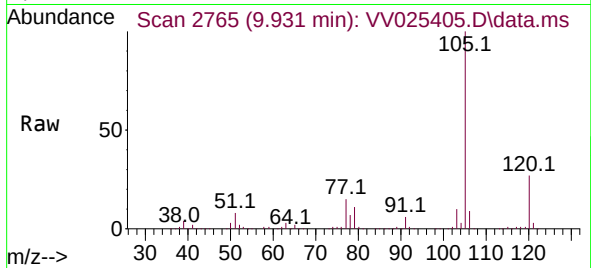




#60
Isopropylbenzene
Concen: 8.706 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV025405.D
Acq: 08 Apr 2022 12:34

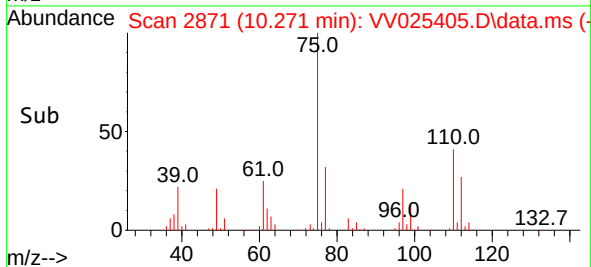
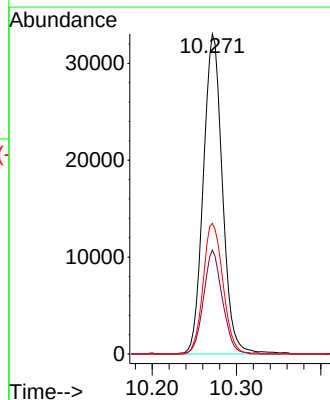
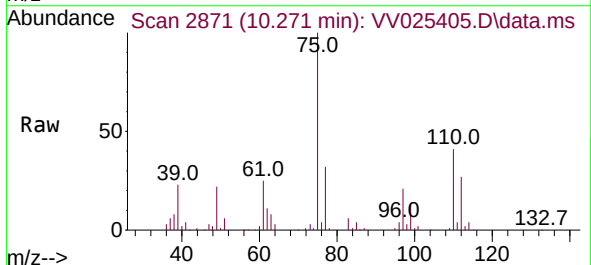
Instrument :
MSVOA_V
ClientSampleId :
VSTD010234

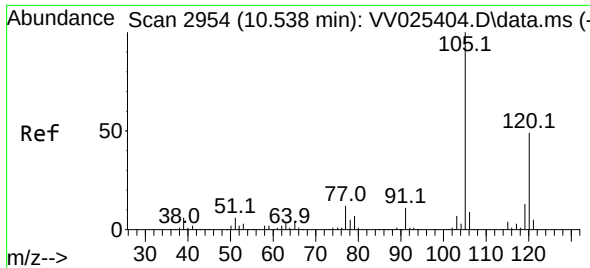
Tgt Ion:105 Resp: 505525
Ion Ratio Lower Upper
105 100
120 26.7 21.2 31.8
77 14.9 12.2 18.2



#61
1,2,3-Trichloropropane
Concen: 7.907 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025405.D
Acq: 08 Apr 2022 12:34

Tgt Ion: 75 Resp: 52121
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
110 42.3 34.7 52.1

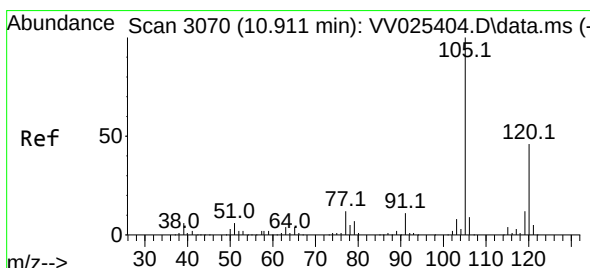
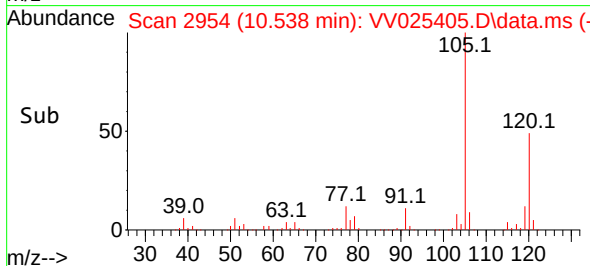
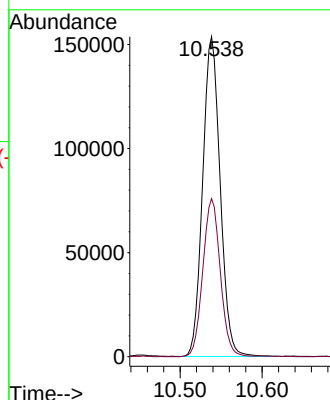
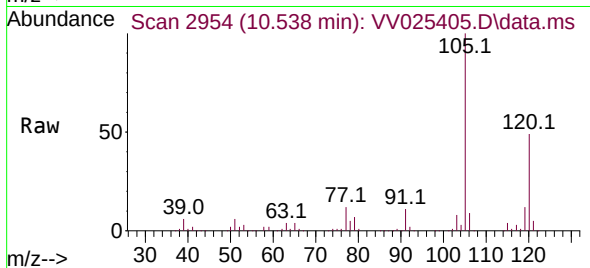




#62
 1,3,5-Trimethylbenzene
 Concen: 8.682 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV025405.D
 Acq: 08 Apr 2022 12:34

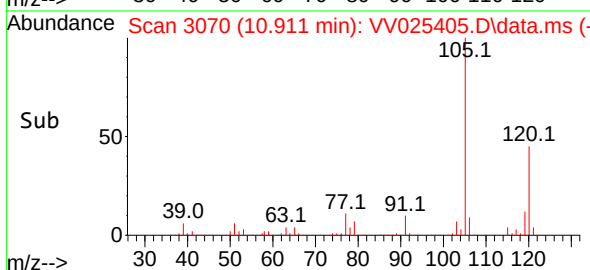
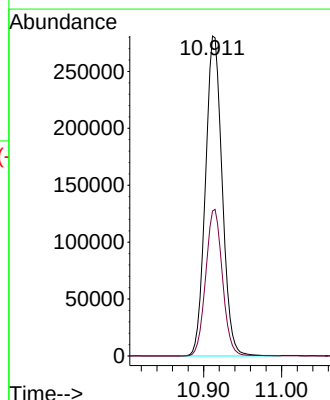
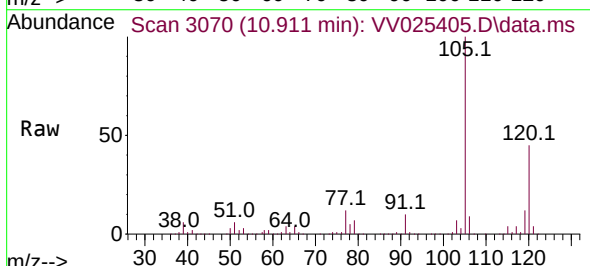
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010234

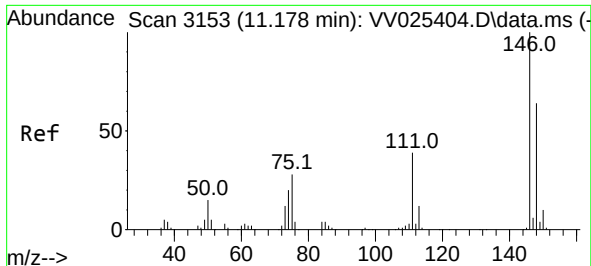
Tgt Ion:105 Resp: 227382
 Ion Ratio Lower Upper
 105 100
 120 49.5 39.6 59.4



#63
 1,2,4-Trimethylbenzene
 Concen: 9.026 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. -0.000 min
 Lab File: VV025405.D
 Acq: 08 Apr 2022 12:34

Tgt Ion:105 Resp: 418920
 Ion Ratio Lower Upper
 105 100
 120 45.9 36.6 55.0

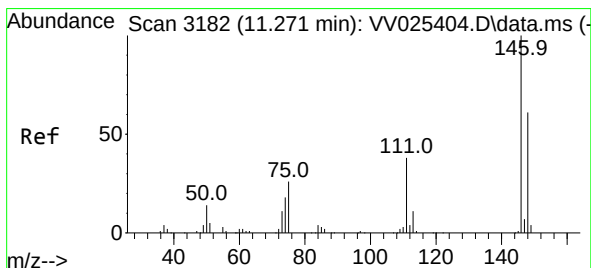
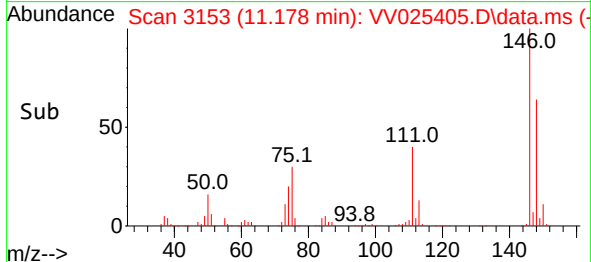
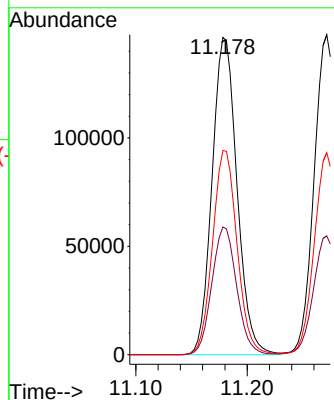
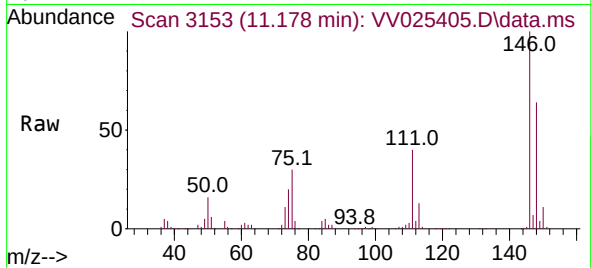




#64
1,3-Dichlorobenzene
Concen: 8.360 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025405.D
Acq: 08 Apr 2022 12:34

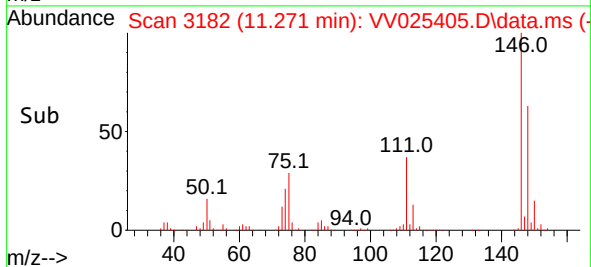
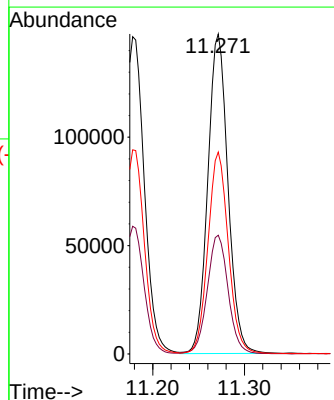
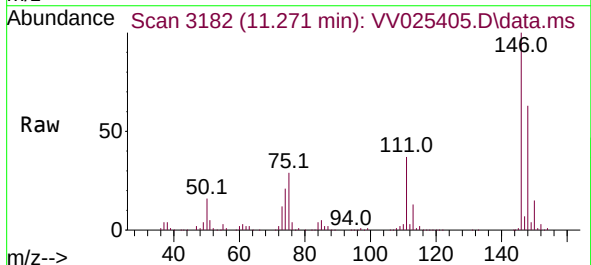
Instrument :
MSVOA_V
ClientSampleId :
VSTD010234

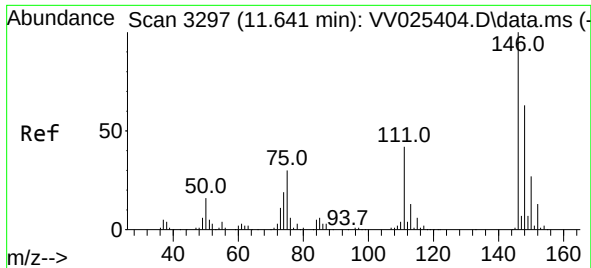
Tgt Ion:146 Resp: 227855
Ion Ratio Lower Upper
146 100
111 40.3 27.4 50.8
148 64.3 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 8.194 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV025405.D
Acq: 08 Apr 2022 12:34

Tgt Ion:146 Resp: 225178
Ion Ratio Lower Upper
146 100
111 37.1 26.7 49.7
148 63.1 42.8 79.6

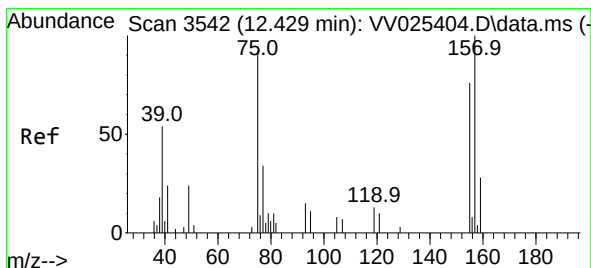
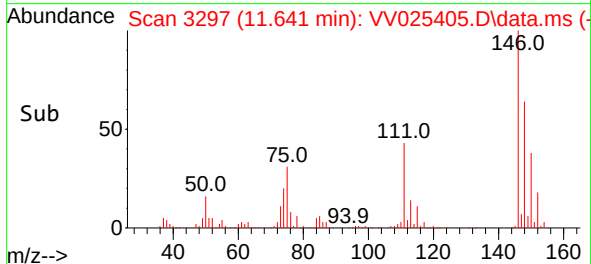
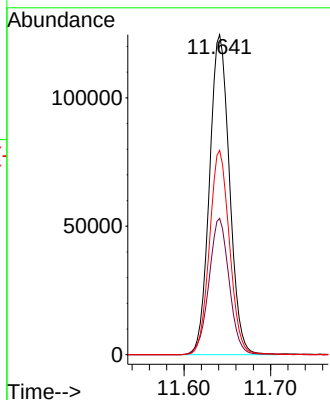
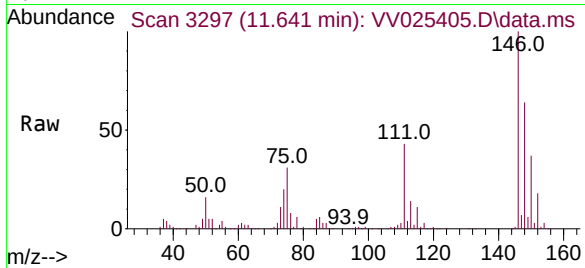




#67
 1,2-Dichlorobenzene
 Concen: 8.347 ug/L
 RT: 11.641 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV025405.D
 Acq: 08 Apr 2022 12:34

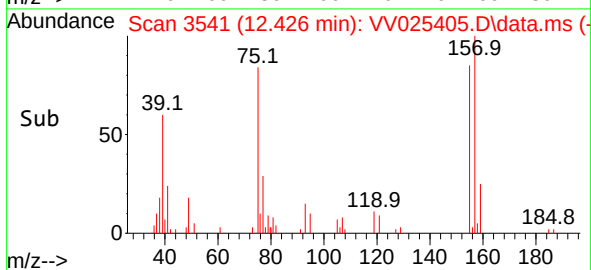
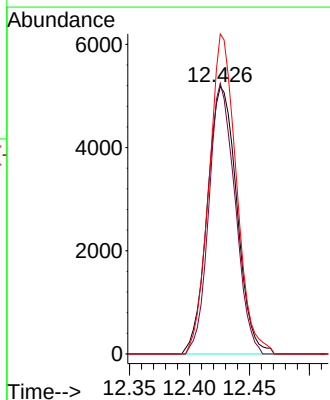
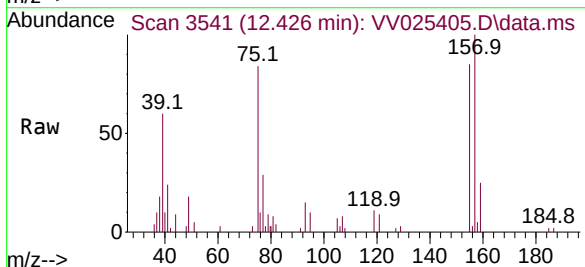
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010234

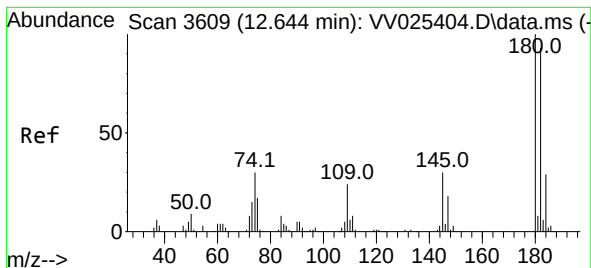
Tgt Ion:146 Resp: 199941
 Ion Ratio Lower Upper
 146 100
 111 42.6 33.6 50.4
 148 63.9 50.0 75.0



#68
 1,2-Dibromo-3-chloropropane
 Concen: 7.467 ug/L
 RT: 12.426 min Scan# 3541
 Delta R.T. -0.003 min
 Lab File: VV025405.D
 Acq: 08 Apr 2022 12:34

Tgt Ion: 75 Resp: 8847
 Ion Ratio Lower Upper
 75 100
 155 101.2 65.8 98.8#
 157 119.7 86.6 130.0





#69

1,3,5-Trichlorobenzene

Concen: 8.599 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. -0.000 min

Lab File: VV025405.D

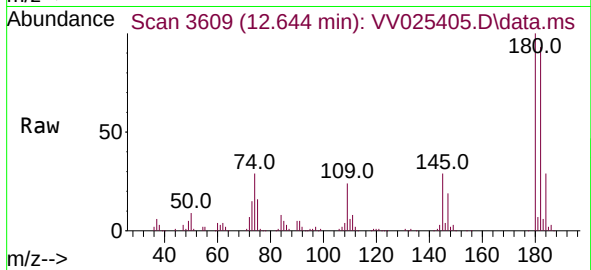
Acq: 08 Apr 2022 12:34

Instrument :

MSVOA_V

ClientSampleId :

VSTD010234



Tgt Ion:180 Resp: 170462

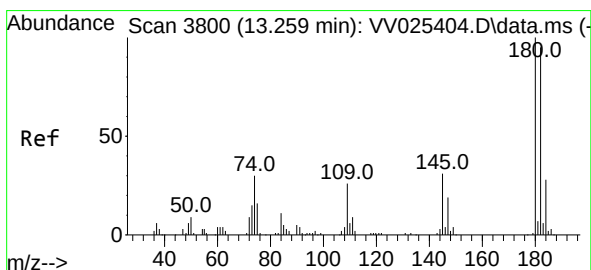
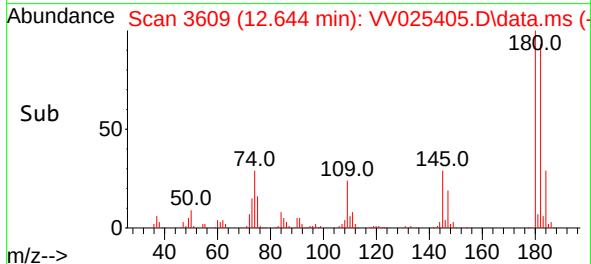
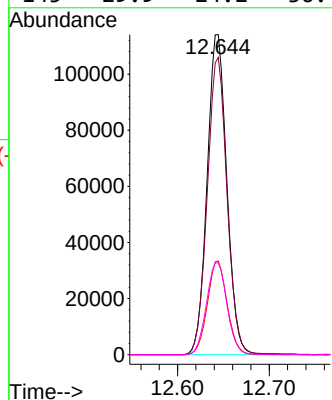
Ion Ratio Lower Upper

180 100

182 93.2 75.3 112.9

184 29.4 23.4 35.2

145 29.9 24.2 36.4



#70

1,2,4-trichlorobenzene

Concen: 8.963 ug/L

RT: 13.258 min Scan# 3800

Delta R.T. -0.000 min

Lab File: VV025405.D

Acq: 08 Apr 2022 12:34

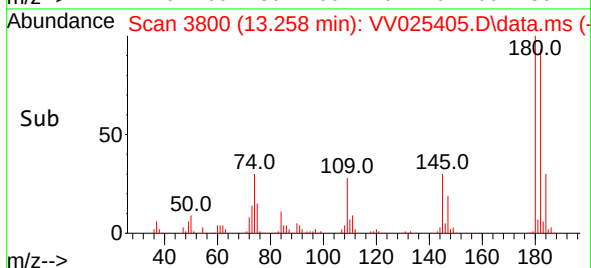
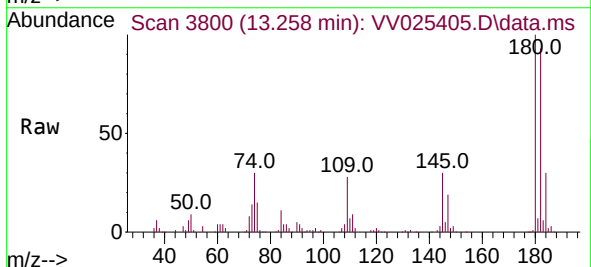
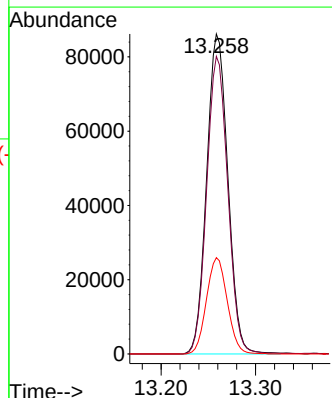
Tgt Ion:180 Resp: 134440

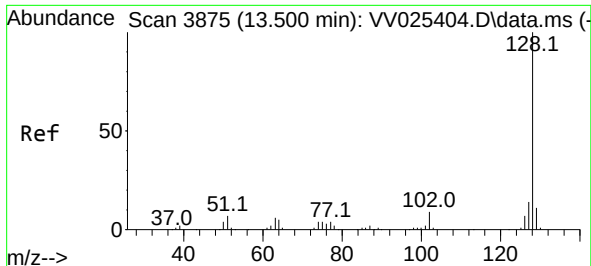
Ion Ratio Lower Upper

180 100

182 92.4 76.6 114.8

145 29.5 24.6 36.8

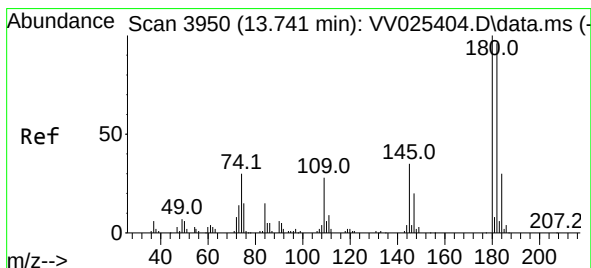
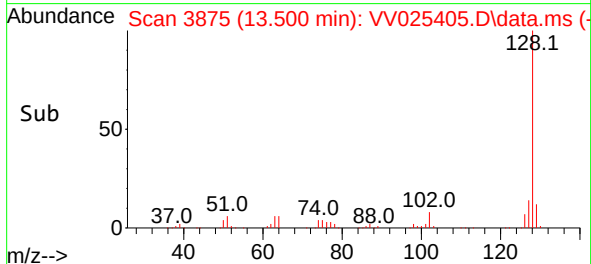
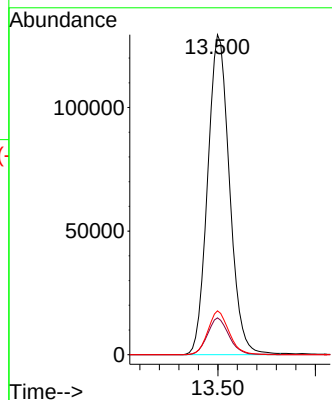
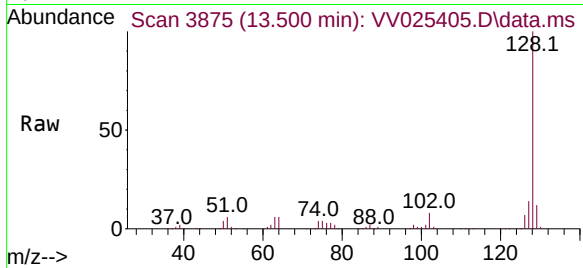




#71
Naphthalene
Concen: 8.686 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025405.D
Acq: 08 Apr 2022 12:34

Instrument :
MSVOA_V
ClientSampleId :
VSTD010234

Tgt Ion:128 Resp: 201669
Ion Ratio Lower Upper
128 100
129 11.3 8.8 13.2
127 13.2 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 8.582 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025405.D
Acq: 08 Apr 2022 12:34

Tgt Ion:180 Resp: 110430
Ion Ratio Lower Upper
180 100
182 95.3 77.7 116.5
145 32.9 27.4 41.2

