

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052022\
 Data File : VW025948.D
 Acq On : 20 May 2022 17:09
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005294

Quant Time: May 20 21:52:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 20 21:49:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	147278	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	148589	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	80589	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	46151	3.794	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.800%
7) Chloroethane-d5	1.571	69	44810	4.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.111	63	106284	3.948	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	3.912	46	80185	56.923	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.840%
24) Chloroform-d	4.346	84	98527	4.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
26) 1,2-Dichloroethane-d4	5.030	65	42151	5.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.047	84	182142	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.066	67	55358	4.935	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.313	98	165473	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.622	79	16122	4.395	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.088	63	65265	47.914	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.820%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	38045	5.265	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	56135	4.892	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	57620	3.628	ug/L	99
3) Chloromethane	1.243	50	75339	4.061	ug/L	99
5) Vinyl chloride	1.314	62	77464	3.970	ug/L	99
6) Bromomethane	1.526	94	39403	3.469	ug/L	99
8) Chloroethane	1.587	64	52585	4.154	ug/L	96
9) Trichlorofluoromethane	1.754	101	102871	3.950	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	53787	3.685	ug/L	96
12) 1,1-Dichloroethene	2.121	96	57052	4.031	ug/L	100
13) Acetone	2.201	43	63322	46.626	ug/L	100
14) Carbon disulfide	2.294	76	129126	3.541	ug/L	100
15) Methyl Acetate	2.445	43	16214	5.241	ug/L #	86
16) Methylene chloride	2.506	84	65271	4.543	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	102725	4.549	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	50713	4.108	ug/L	98
19) 1,1-Dichloroethane	3.191	63	105262	4.505	ug/L	99
21) 2-Butanone	3.989	43	90588	46.449	ug/L	94
22) cis-1,2-Dichloroethene	3.908	96	54920	4.355	ug/L	98
23) Bromochloromethane	4.246	128	25106	4.707	ug/L	95
25) Chloroform	4.371	83	108506	4.581	ug/L	99

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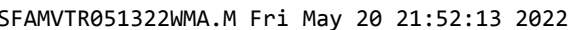
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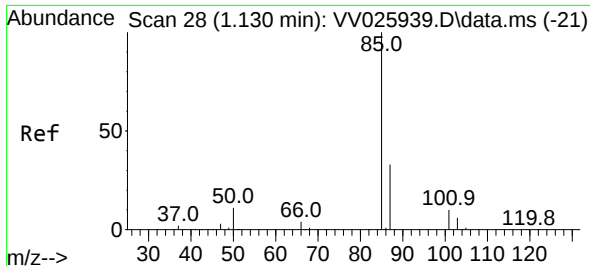
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	58996	4.725	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	88238	4.355	ug/L	99
30) Cyclohexane	4.677	56	63521	3.520	ug/L	99
31) Carbon tetrachloride	4.825	117	72391	4.221	ug/L	98
33) Benzene	5.098	78	219640	4.364	ug/L	100
34) Trichloroethene	5.911	95	51861	4.035	ug/L	99
35) Methylcyclohexane	6.127	83	65674	3.328	ug/L	98
37) 1,2-Dichloropropane	6.169	63	54374	4.580	ug/L	100
38) Bromodichloromethane	6.506	83	67178	4.503	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	58125	3.793	ug/L	95
40) 4-Methyl-2-pentanone	7.227	43	249958	45.523	ug/L	99
42) Toluene	7.384	91	225443	4.304	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	49679	3.975	ug/L	96
45) 1,1,2-Trichloroethane	7.837	97	37749	4.632	ug/L	95
47) Tetrachloroethene	7.972	164	37788	3.795	ug/L	96
48) 2-Hexanone	8.136	43	182843	47.104	ug/L	100
49) Dibromochloromethane	8.243	129	38483	4.322	ug/L	100
50) 1,2-Dibromoethane	8.352	107	32797	4.527	ug/L	98
51) Chlorobenzene	8.879	112	142939	4.207	ug/L	98
52) Ethylbenzene	9.011	91	213975	3.884	ug/L	99
53) m,p-Xylene	9.136	106	86808	4.079	ug/L	97
54) o-Xylene	9.542	106	82041	4.048	ug/L	97
55) Styrene	9.558	104	143967	4.228	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	40881	4.643	ug/L	97
59) Bromoform	9.731	173	15854	3.793	ug/L	98
60) Isopropylbenzene	9.927	105	212640	3.948	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	29683	4.424	ug/L	97
62) 1,3,5-Trimethylbenzene	10.538	105	85617	3.722	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	154197	3.656	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	101866	3.997	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	100031	3.856	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	94392	4.122	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5198	4.000	ug/L	90
69) 1,3,5-Trichlorobenzene	12.641	180	68193	3.592	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	50588	3.513	ug/L	98
71) Naphthalene	13.500	128	76491	3.547	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	44271	3.559	ug/L	97

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

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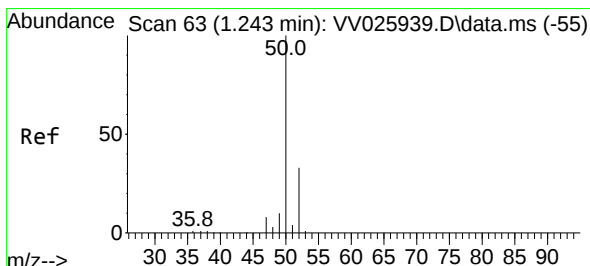
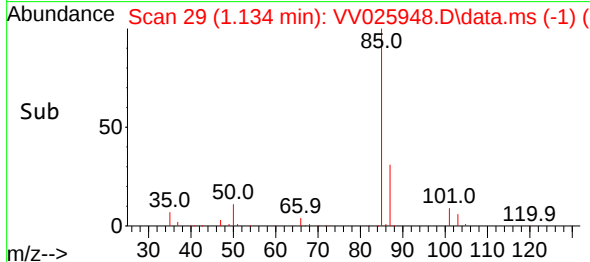
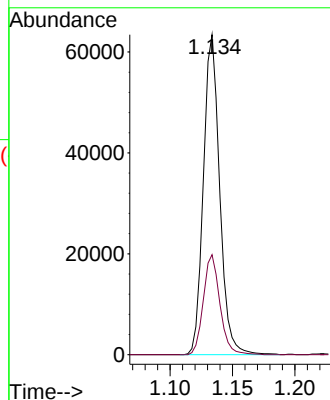
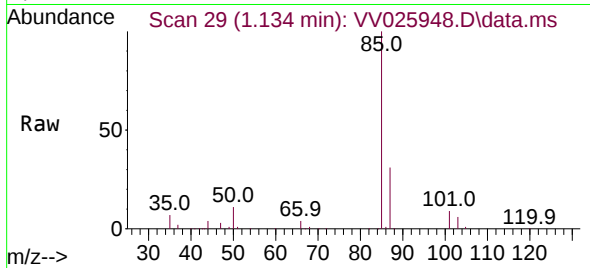




#2
 Dichlorodifluoromethane
 Concen: 3.628 ug/L
 RT: 1.134 min Scan# 28
 Delta R.T. 0.003 min
 Lab File: VV025948.D
 Acq: 20 May 2022 17:09

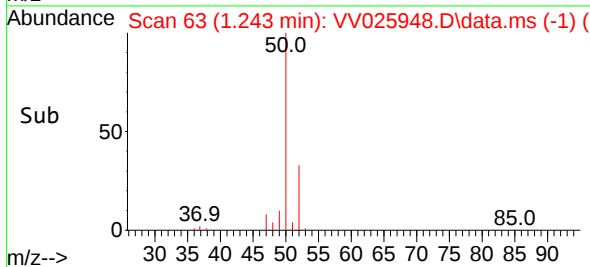
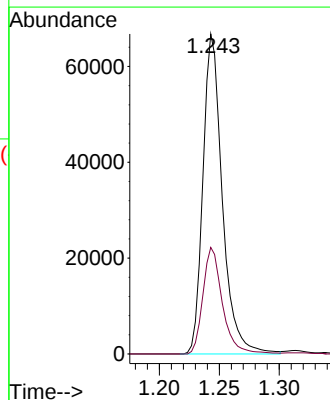
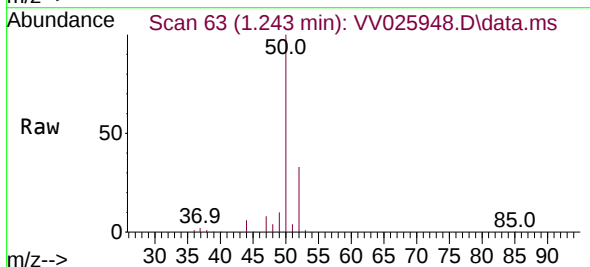
Instrument :
 MSVOA_V
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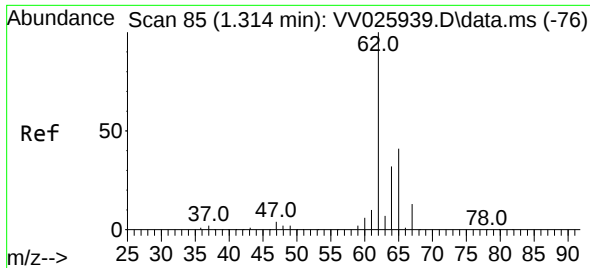
Tgt Ion: 85 Resp: 57620
 Ion Ratio Lower Upper
 85 100
 87 31.7 26.0 39.0



#3
 Chloromethane
 Concen: 4.061 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. -0.000 min
 Lab File: VV025948.D
 Acq: 20 May 2022 17:09

Tgt Ion: 50 Resp: 75339
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.9 44.3

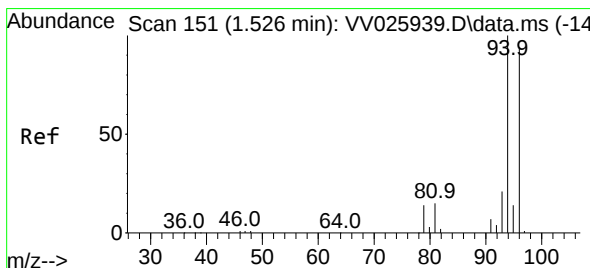
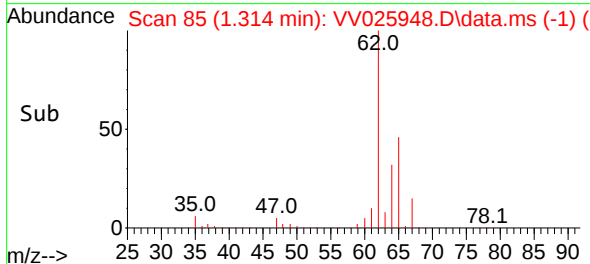
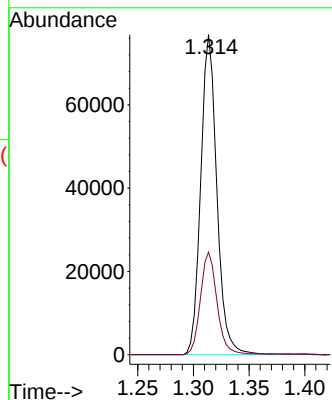
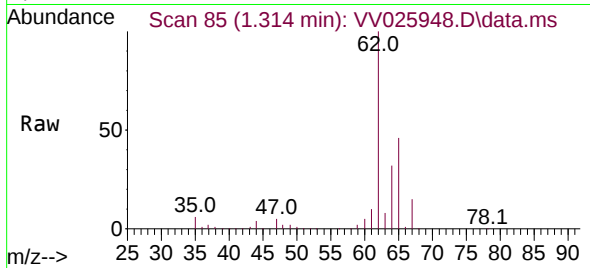




#5
 Vinyl chloride
 Concen: 3.970 ug/L
 RT: 1.314 min Scan# 85
 Delta R.T. -0.000 min
 Lab File: VV025948.D
 Acq: 20 May 2022 17:09

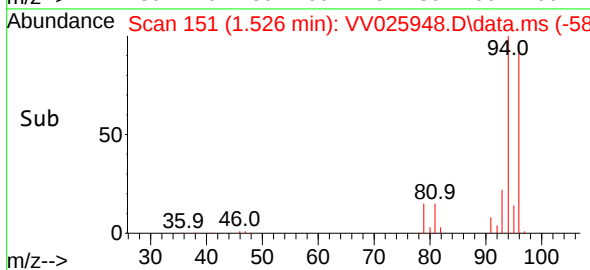
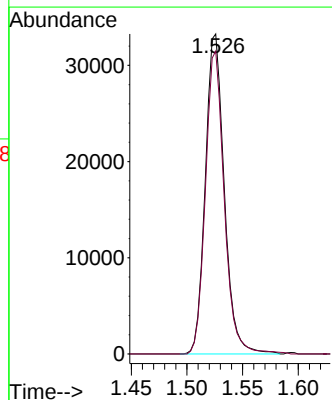
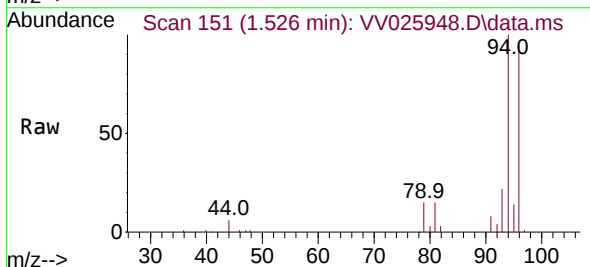
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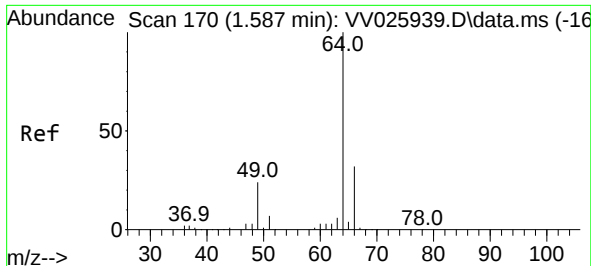
Tgt Ion: 62 Resp: 77464
 Ion Ratio Lower Upper
 62 100
 64 32.1 22.9 42.5



#6
 Bromomethane
 Concen: 3.469 ug/L
 RT: 1.526 min Scan# 151
 Delta R.T. -0.000 min
 Lab File: VV025948.D
 Acq: 20 May 2022 17:09

Tgt Ion: 94 Resp: 39403
 Ion Ratio Lower Upper
 94 100
 96 94.7 65.4 121.4

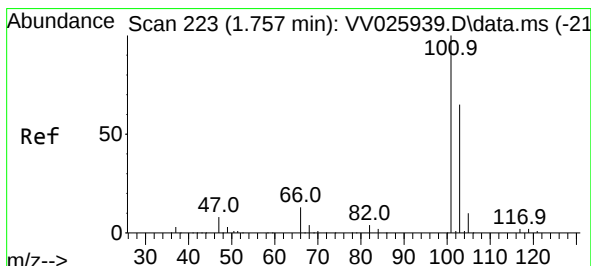
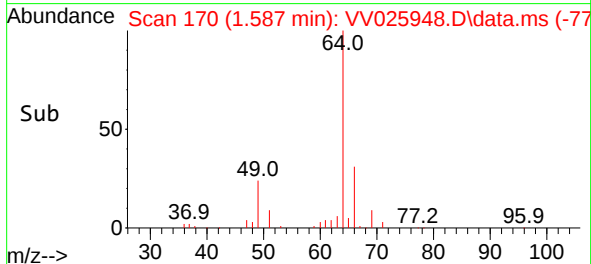
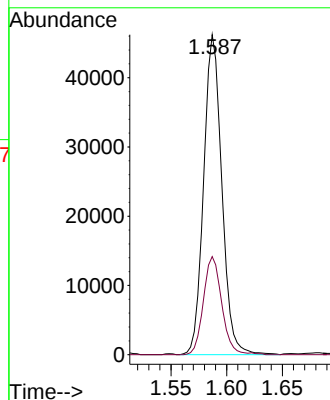
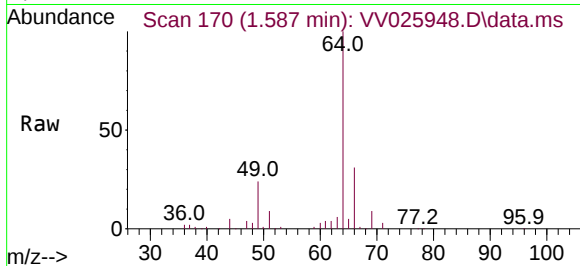




#8
Chloroethane
Concen: 4.154 ug/L
RT: 1.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

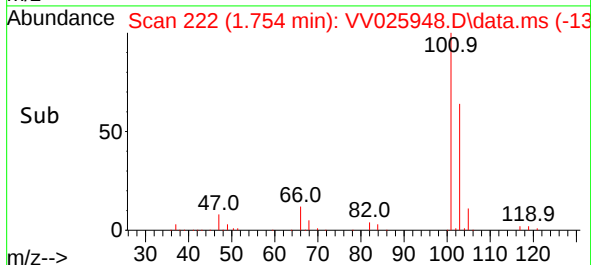
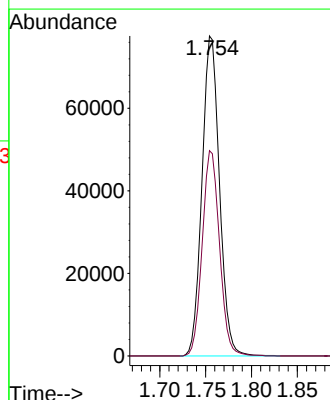
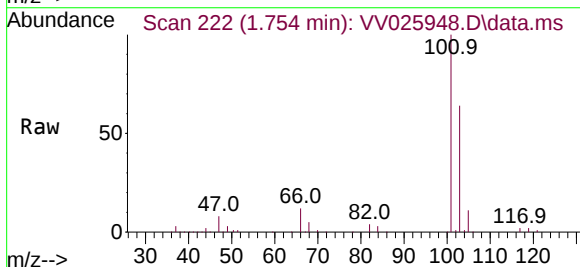
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ClientSampleId :
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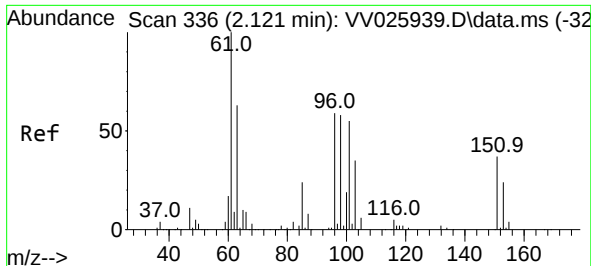
Tgt Ion: 64 Resp: 52585
Ion Ratio Lower Upper
64 100
66 30.7 22.9 42.5



#9
Trichlorofluoromethane
Concen: 3.950 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.003 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

Tgt Ion:101 Resp: 102871
Ion Ratio Lower Upper
101 100
103 63.4 50.6 76.0

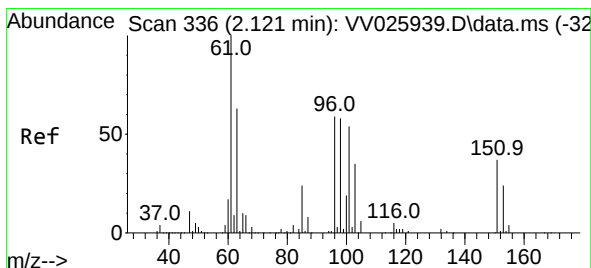
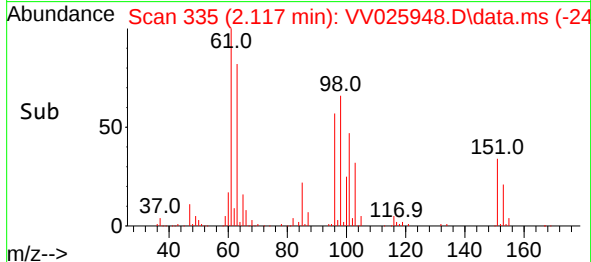
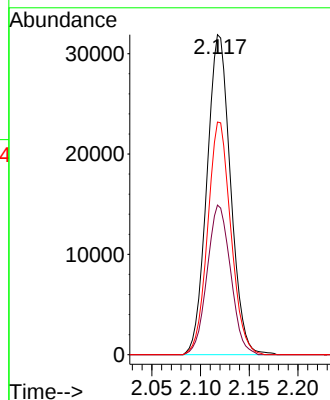
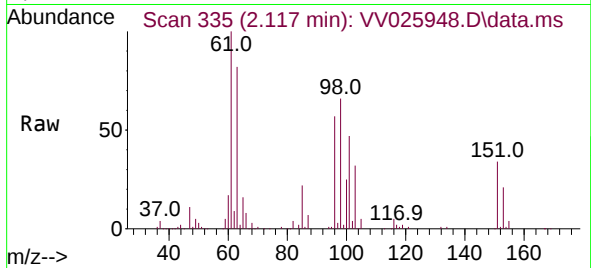




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.685 ug/L
RT: 2.117 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

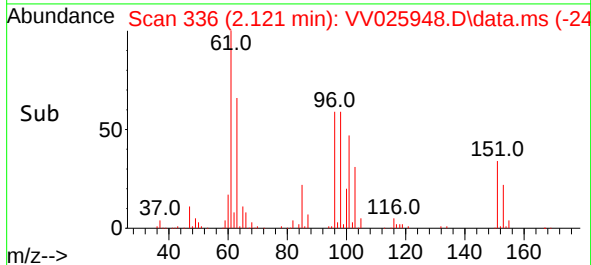
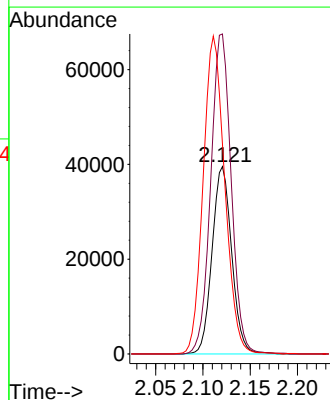
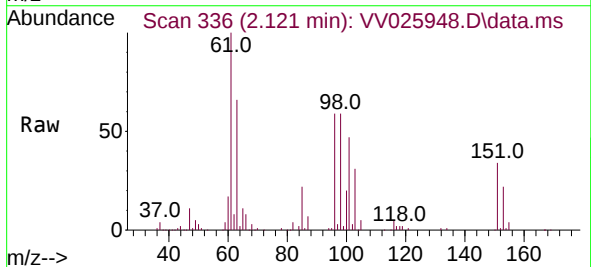
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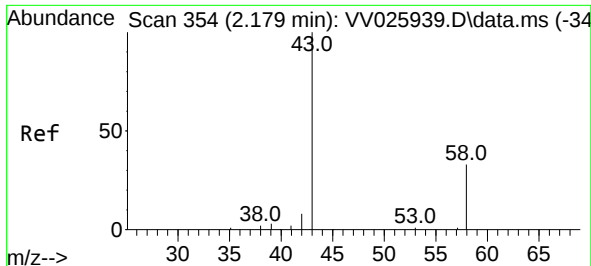
Tgt Ion:101 Resp: 53787
Ion Ratio Lower Upper
101 100
85 46.3 35.7 53.5
151 71.3 54.1 81.1



#12
1,1-Dichloroethene
Concen: 4.031 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.000 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

Tgt Ion: 96 Resp: 57052
Ion Ratio Lower Upper
96 100
61 170.8 119.8 222.6
63 112.2 78.3 145.3





#13

Acetone

Concen: 46.626 ug/L

RT: 2.201 min Scan# 3

Delta R.T. 0.022 min

Lab File: VV025948.D

Acq: 20 May 2022 17:09

Instrument :

MSVOA_V

ClientSampleId :

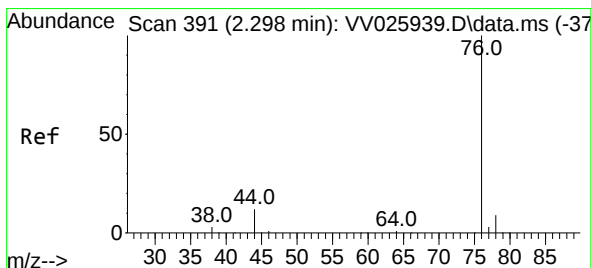
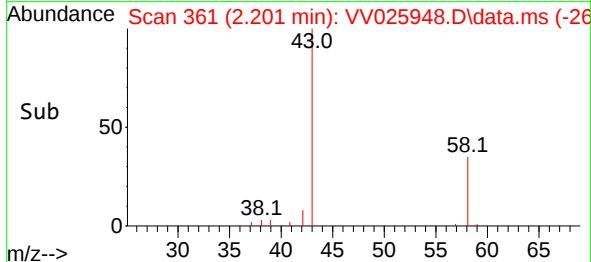
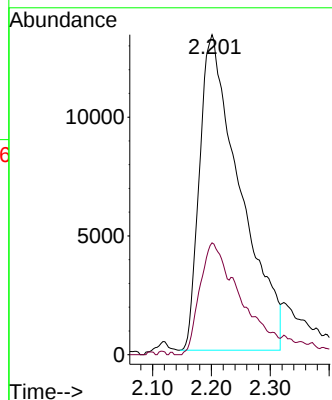
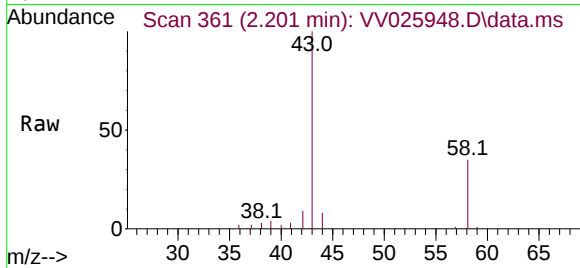
VSTD005294

Tgt Ion: 43 Resp: 63322

Ion Ratio Lower Upper

43 100

58 22.2 0.0 44.6



#14

Carbon disulfide

Concen: 3.541 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.003 min

Lab File: VV025948.D

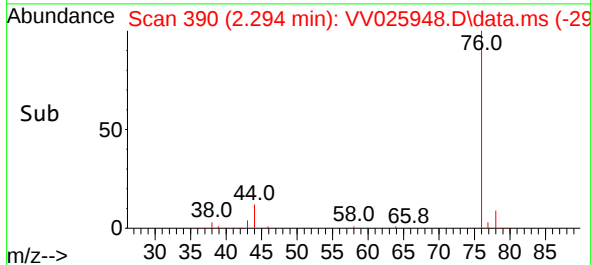
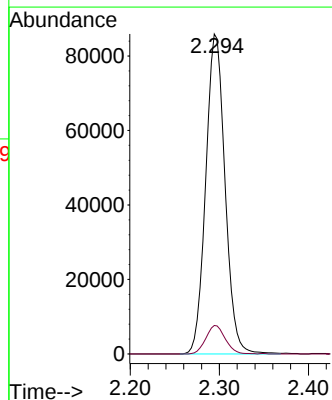
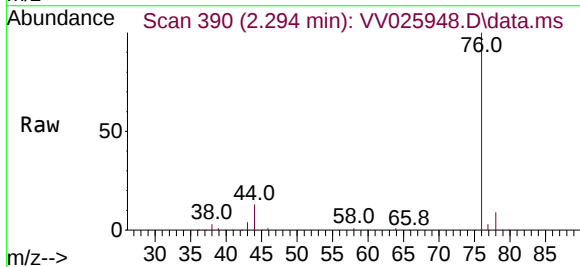
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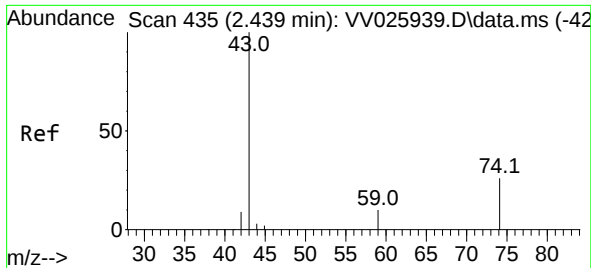
Tgt Ion: 76 Resp: 129126

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.6





#15

Methyl Acetate

Concen: 5.241 ug/L

RT: 2.445 min Scan# 41

Delta R.T. 0.006 min

Lab File: VV025948.D

Acq: 20 May 2022 17:09

Instrument :

MSVOA_V

ClientSampleId :

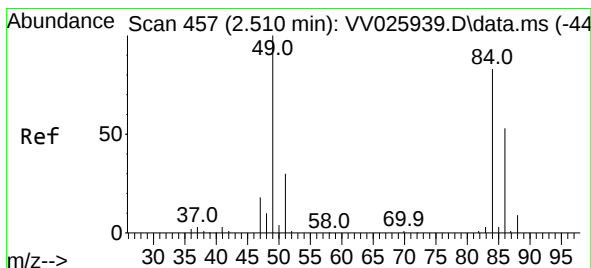
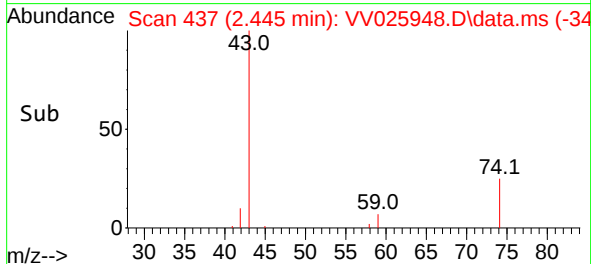
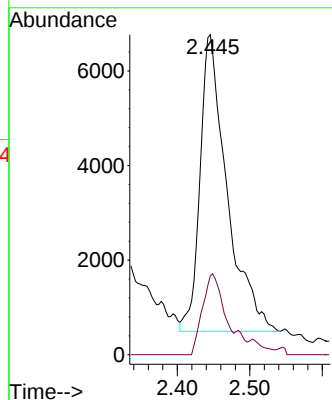
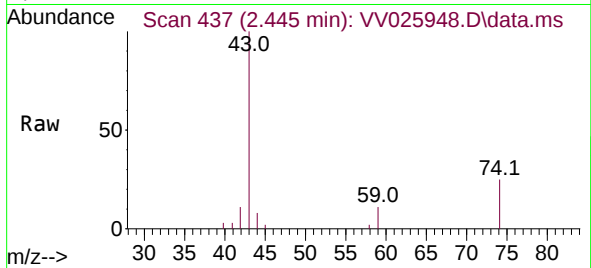
VSTD005294

Tgt Ion: 43 Resp: 16214

Ion Ratio Lower Upper

43 100

74 21.4 23.3 34.9#



#16

Methylene chloride

Concen: 4.543 ug/L

RT: 2.506 min Scan# 456

Delta R.T. -0.003 min

Lab File: VV025948.D

Acq: 20 May 2022 17:09

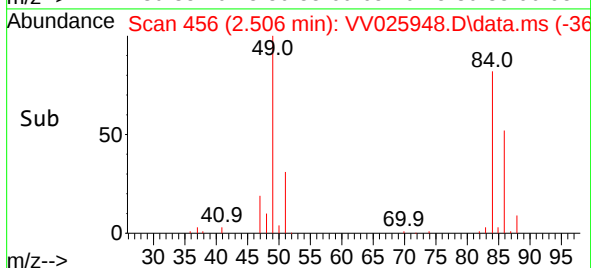
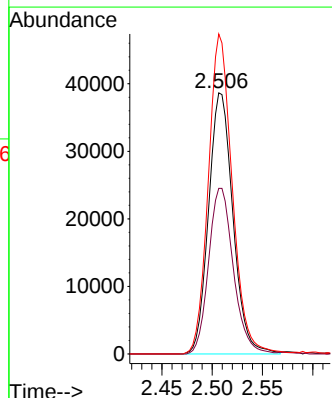
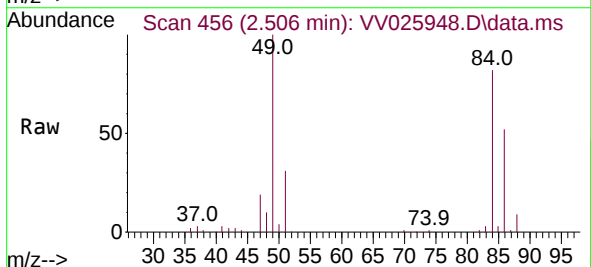
Tgt Ion: 84 Resp: 65271

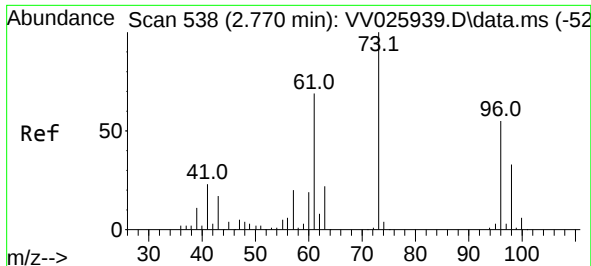
Ion Ratio Lower Upper

84 100

86 63.4 45.4 84.2

49 122.6 85.6 159.0





#17

Methyl tert-butyl Ether

Concen: 4.549 ug/L

RT: 2.770 min Scan# 51

Delta R.T. -0.000 min

Lab File: VV025948.D

Acq: 20 May 2022 17:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD005294

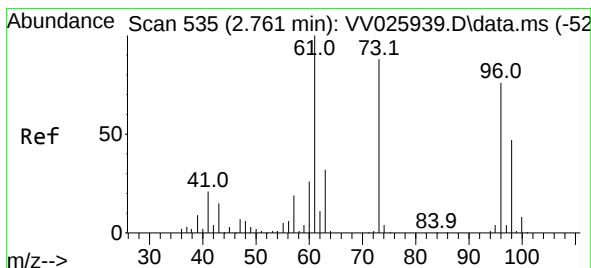
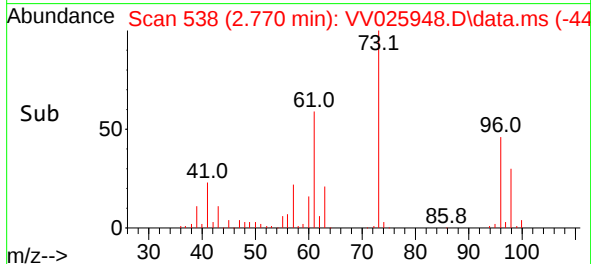
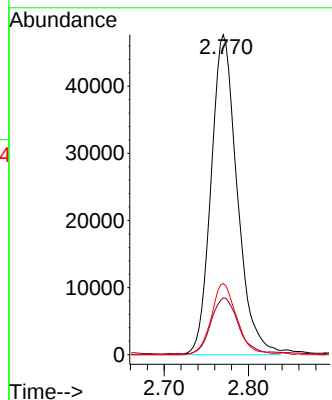
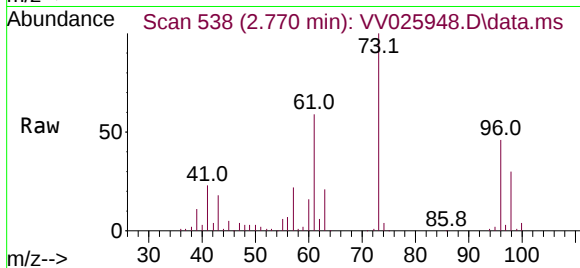
Tgt Ion: 73 Resp: 102725

Ion Ratio Lower Upper

73 100

43 19.8 14.6 22.0

57 21.6 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 4.108 ug/L

RT: 2.760 min Scan# 535

Delta R.T. -0.000 min

Lab File: VV025948.D

Acq: 20 May 2022 17:09

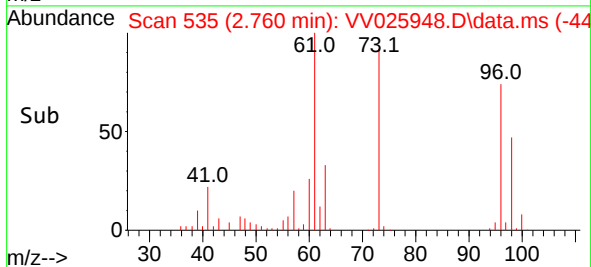
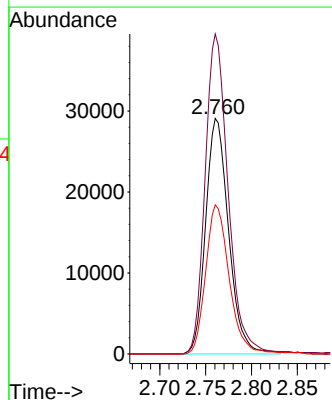
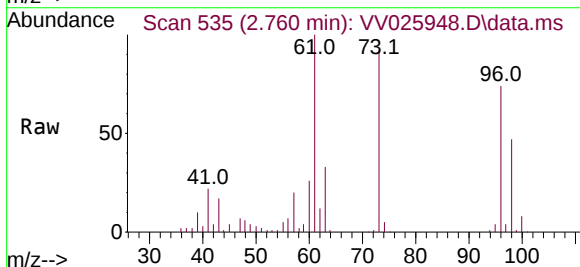
Tgt Ion: 96 Resp: 50713

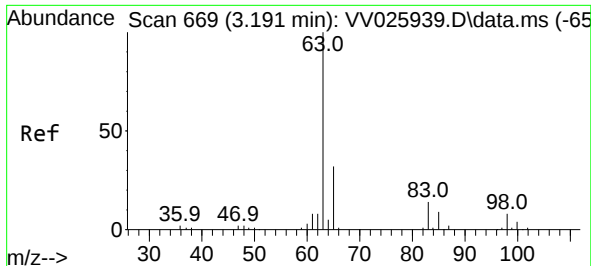
Ion Ratio Lower Upper

96 100

61 135.9 93.6 173.8

98 63.3 42.8 79.4

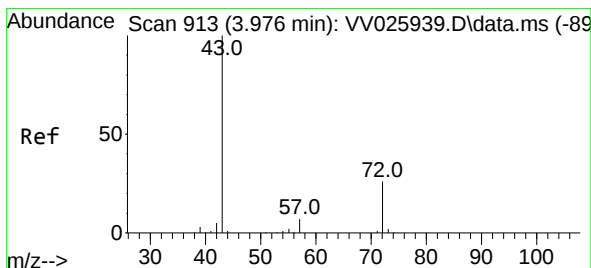
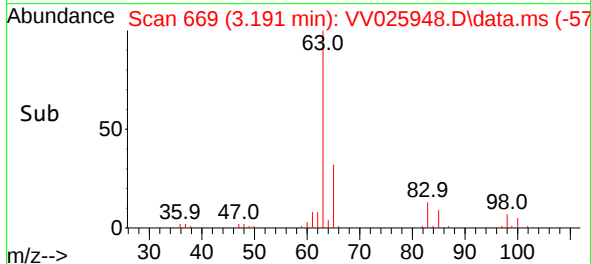
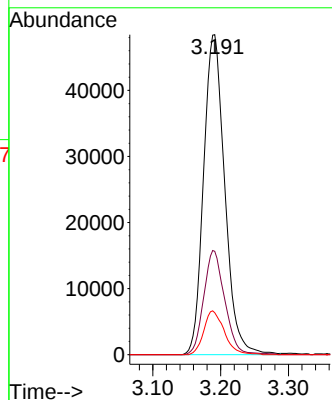
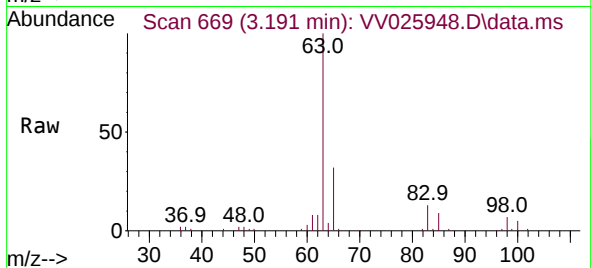




#19
1,1-Dichloroethane
Concen: 4.505 ug/L
RT: 3.191 min Scan# 669
Delta R.T. -0.000 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

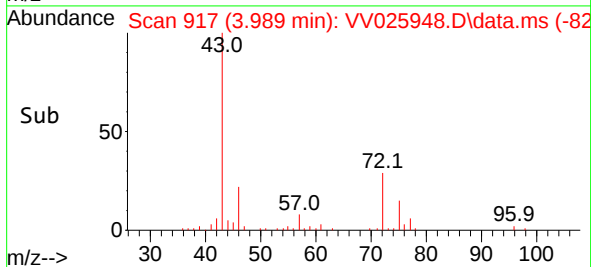
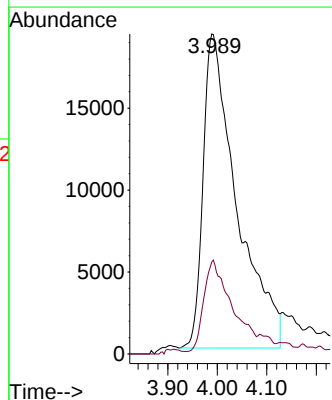
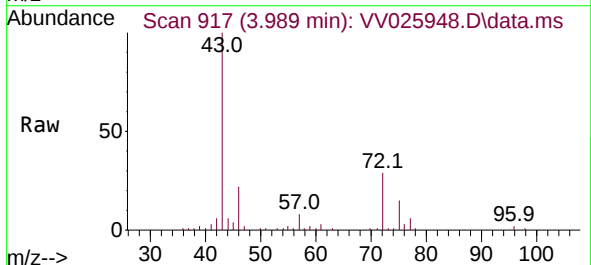
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

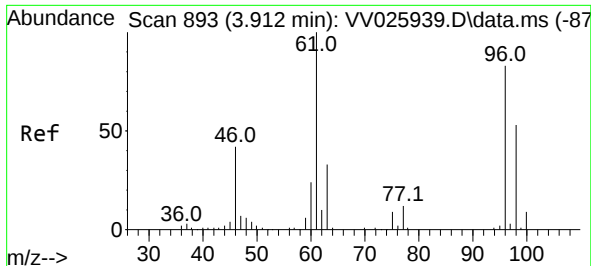
Tgt Ion: 63 Resp: 105262
Ion Ratio Lower Upper
63 100
65 32.3 22.3 41.5
83 13.1 10.0 18.6



#21
2-Butanone
Concen: 46.449 ug/L
RT: 3.989 min Scan# 917
Delta R.T. 0.013 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

Tgt Ion: 43 Resp: 90588
Ion Ratio Lower Upper
43 100
72 24.1 10.5 31.6

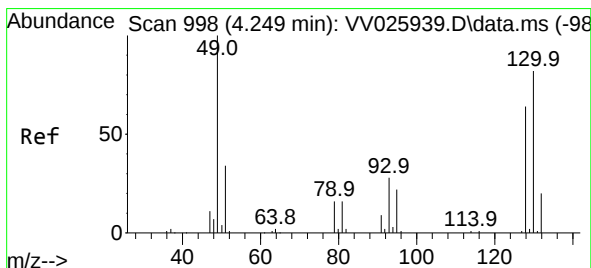
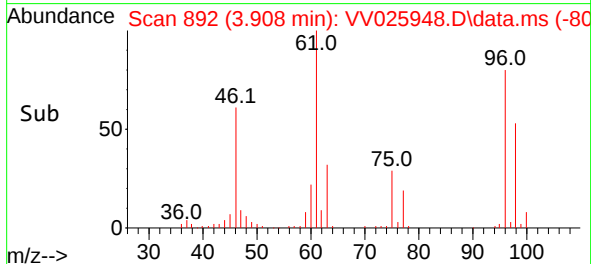
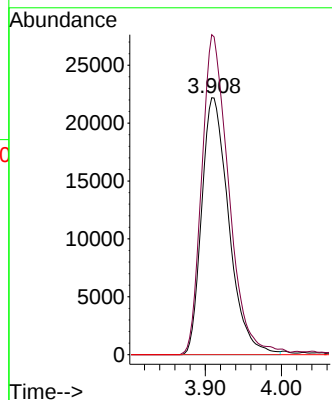
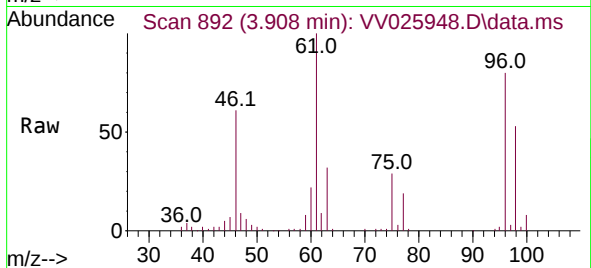




#22
 cis-1,2-Dichloroethene
 Concen: 4.355 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV025948.D
 Acq: 20 May 2022 17:09

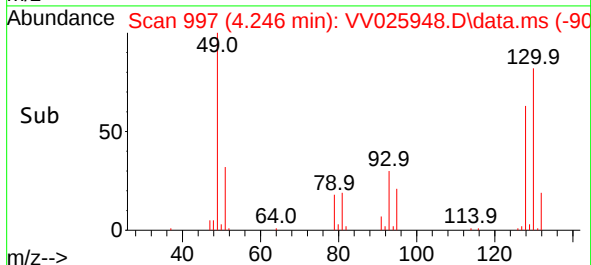
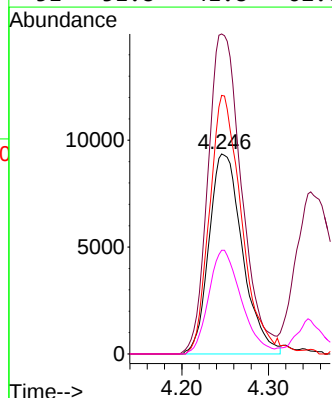
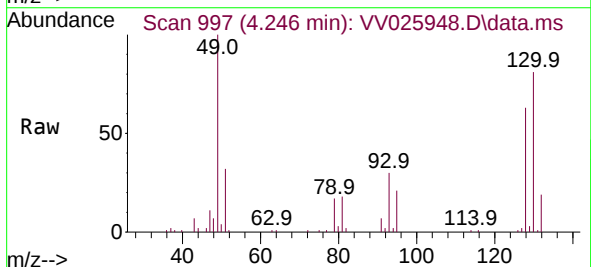
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005294

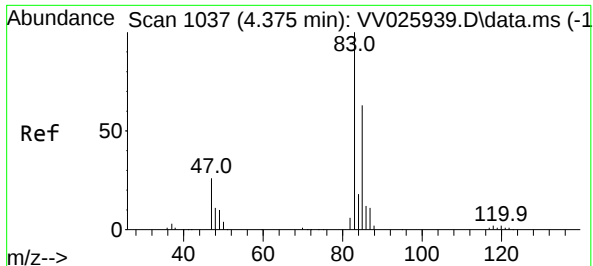
Tgt Ion: 96 Resp: 54920
 Ion Ratio Lower Upper
 96 100
 61 124.5 88.9 165.1
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 4.707 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. -0.003 min
 Lab File: VV025948.D
 Acq: 20 May 2022 17:09

Tgt Ion: 128 Resp: 25106
 Ion Ratio Lower Upper
 128 100
 49 160.0 121.0 224.8
 130 129.3 90.8 168.6
 51 51.8 41.8 62.6





#25

Chloroform

Concen: 4.581 ug/L

RT: 4.371 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VV025948.D

Acq: 20 May 2022 17:09

Instrument :

MSVOA_V

ClientSampleId :

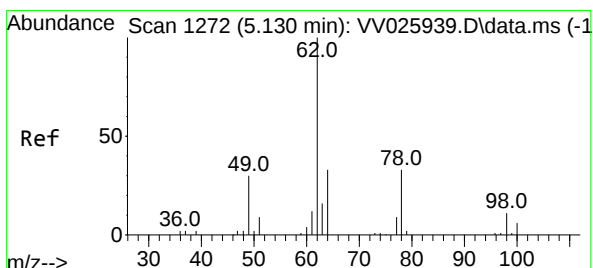
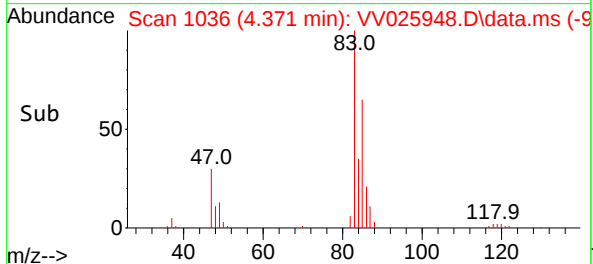
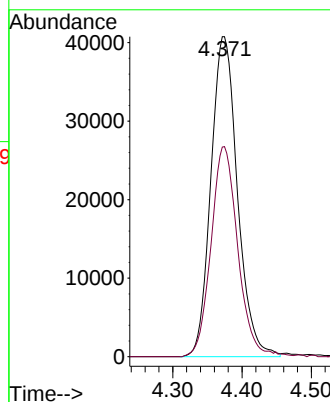
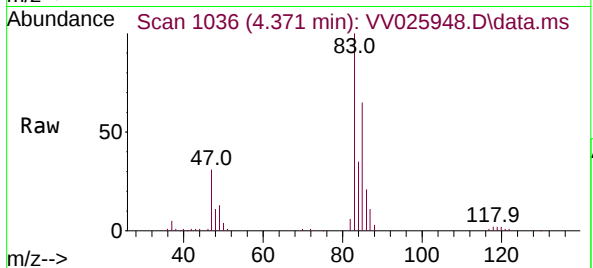
VSTD005294

Tgt Ion: 83 Resp: 108506

Ion Ratio Lower Upper

83 100

85 65.5 46.1 85.7



#27

1,2-Dichloroethane

Concen: 4.725 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VV025948.D

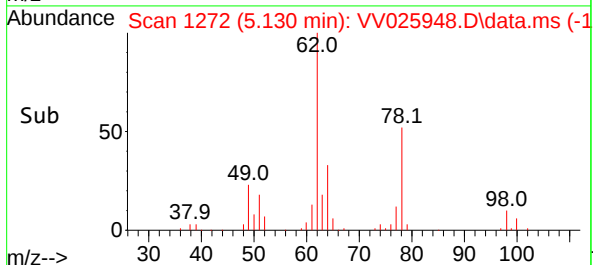
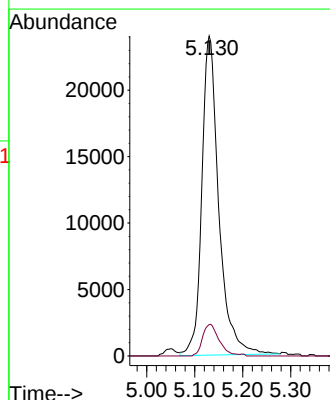
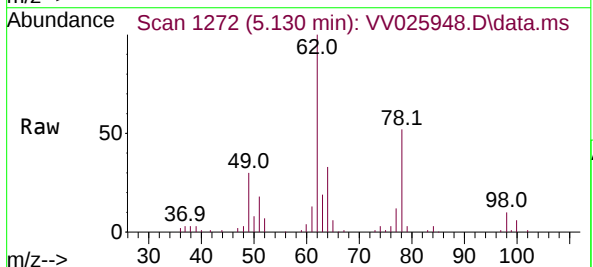
Acq: 20 May 2022 17:09

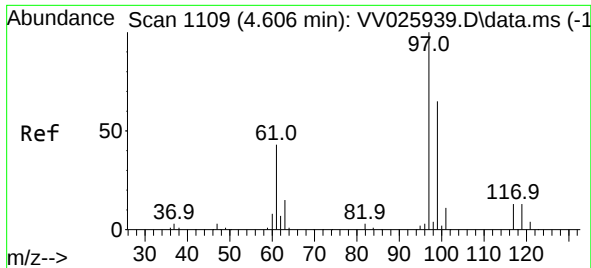
Tgt Ion: 62 Resp: 58996

Ion Ratio Lower Upper

62 100

98 9.8 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 4.355 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VV025948.D

Acq: 20 May 2022 17:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD005294

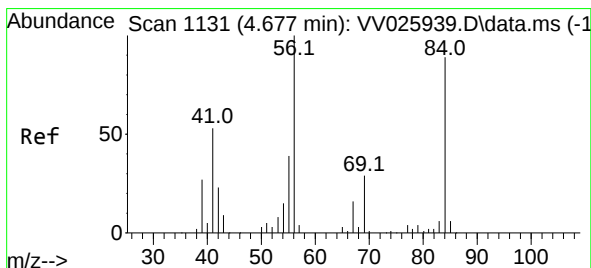
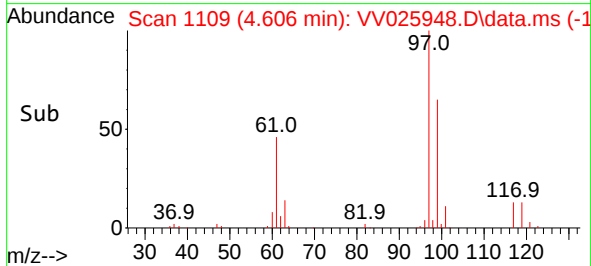
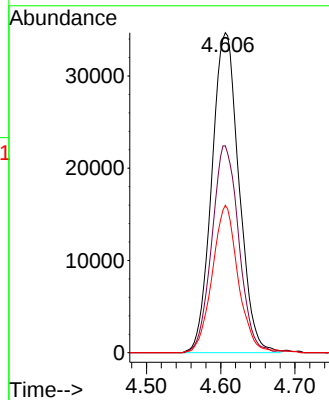
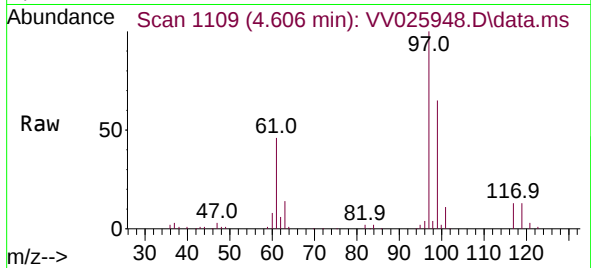
Tgt Ion: 97 Resp: 88238

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

61 44.2 36.3 54.5



#30

Cyclohexane

Concen: 3.520 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VV025948.D

Acq: 20 May 2022 17:09

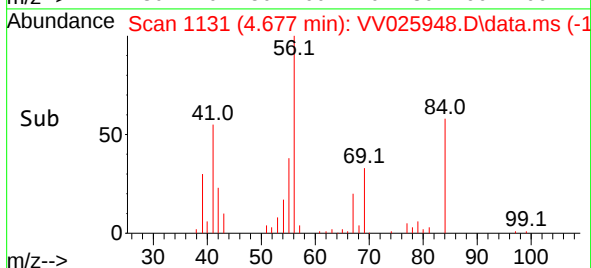
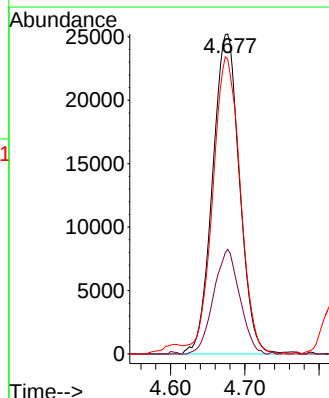
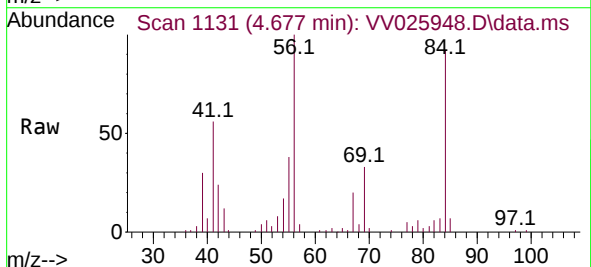
Tgt Ion: 56 Resp: 63521

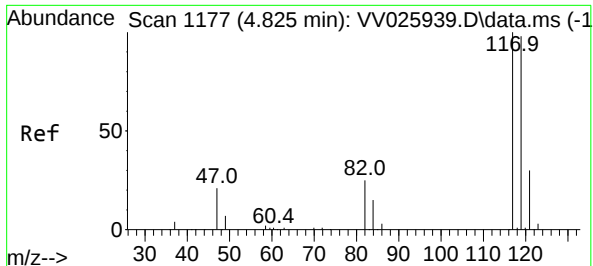
Ion Ratio Lower Upper

56 100

69 31.8 24.6 37.0

84 94.7 75.0 112.4

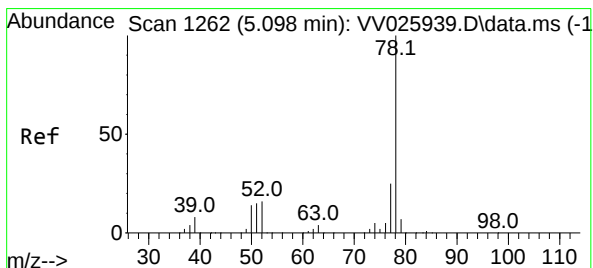
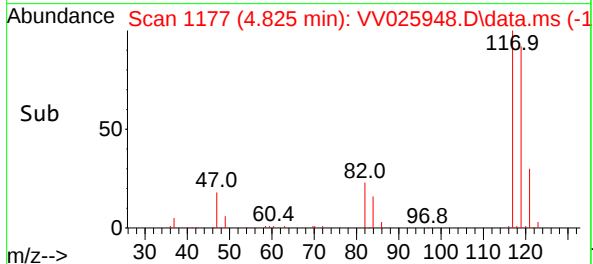
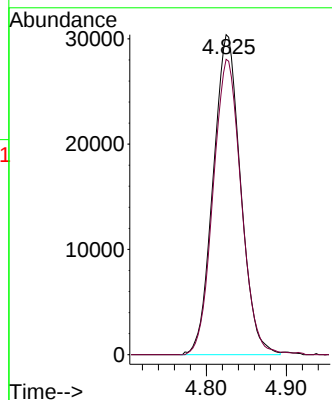
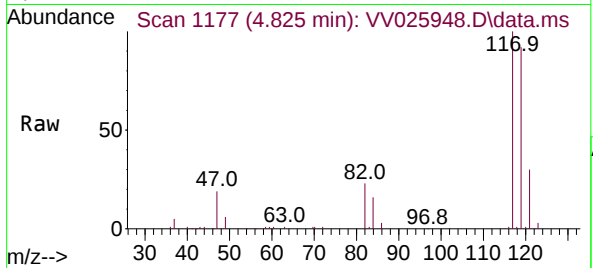




#31
Carbon tetrachloride
Concen: 4.221 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

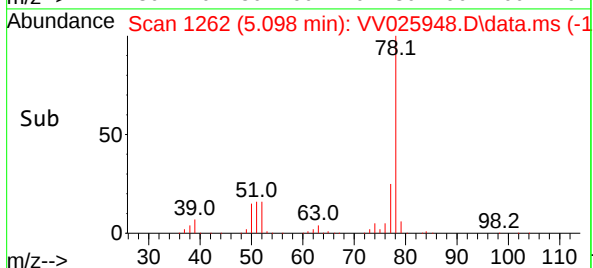
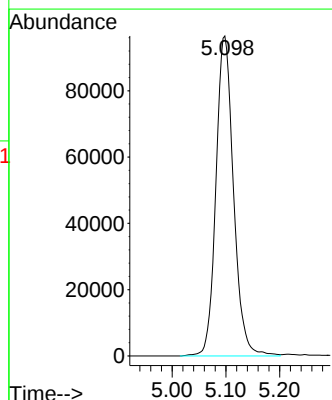
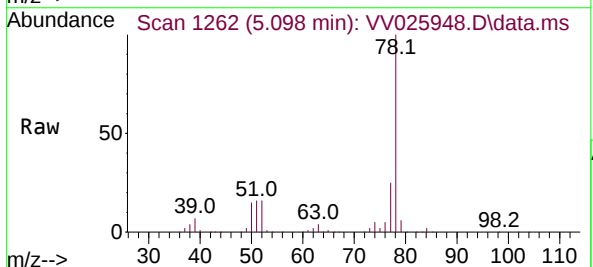
Instrument : MSVOA_V
ClientSampleId : VSTD005294

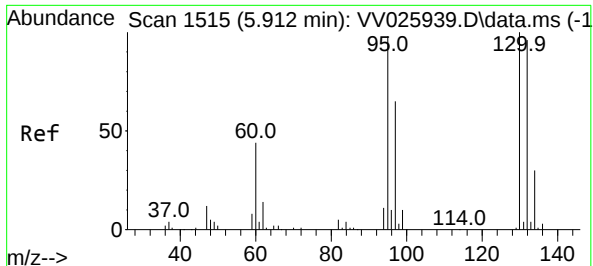
Tgt Ion:117 Resp: 72391
Ion Ratio Lower Upper
117 100
119 94.4 77.0 115.6



#33
Benzene
Concen: 4.364 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

Tgt Ion: 78 Resp: 219640

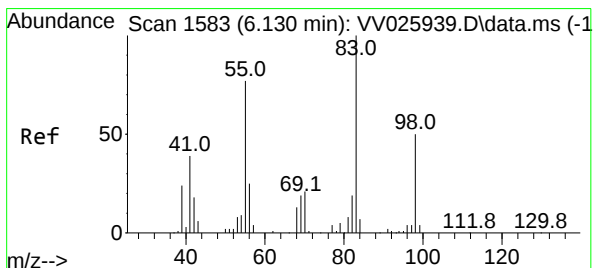
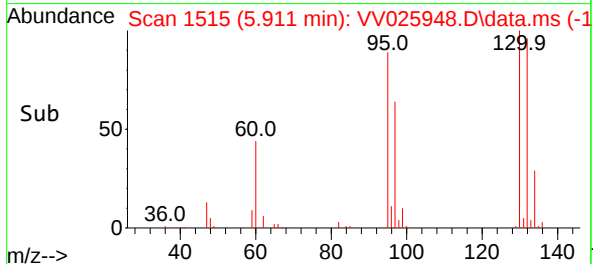
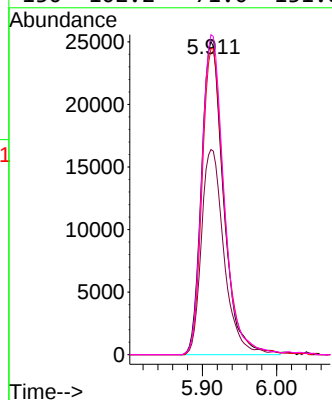
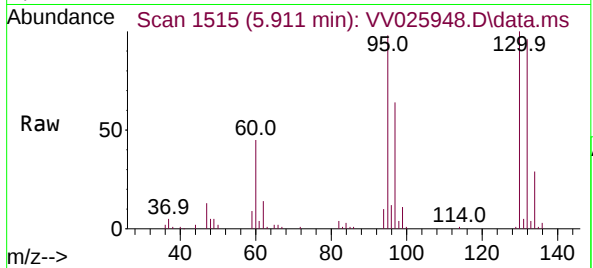




#34
Trichloroethene
Concen: 4.035 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

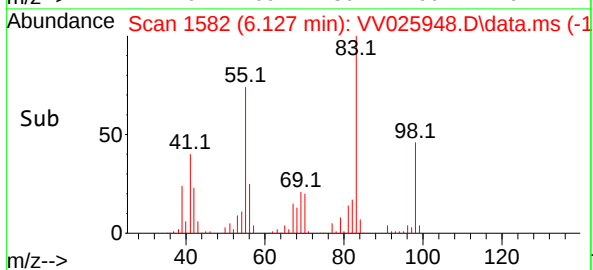
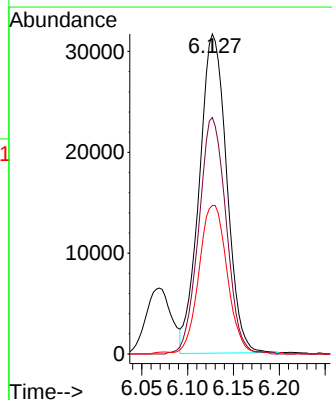
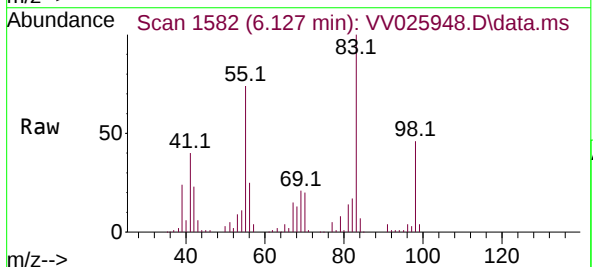
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

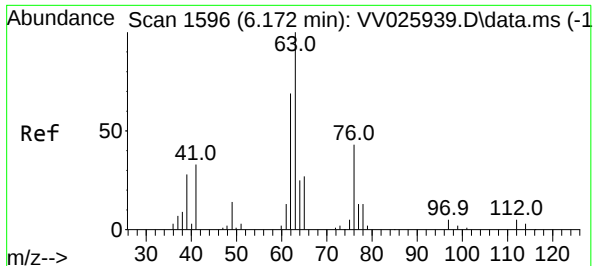
Tgt Ion: 95 Resp: 51861
Ion Ratio Lower Upper
95 100
97 65.5 44.9 83.3
132 97.7 67.6 125.6
130 102.2 71.0 131.8



#35
Methylcyclohexane
Concen: 3.328 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

Tgt Ion: 83 Resp: 65674
Ion Ratio Lower Upper
83 100
55 74.2 60.1 90.1
98 48.2 40.6 61.0





#37

1,2-Dichloropropane

Concen: 4.580 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025948.D

Acq: 20 May 2022 17:09

Instrument :

MSVOA_V

ClientSampleId :

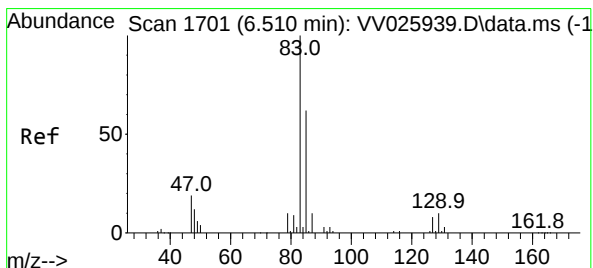
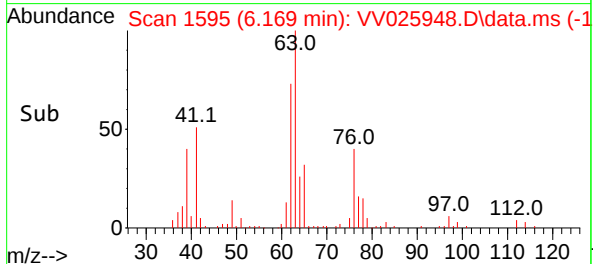
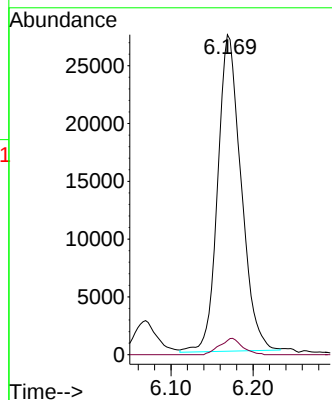
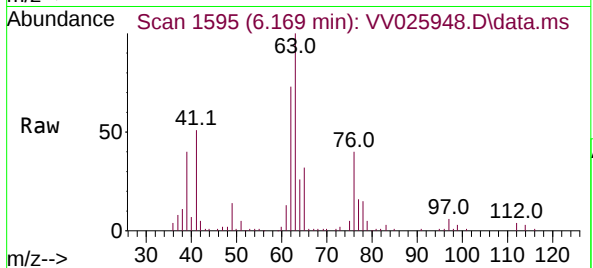
VSTD005294

Tgt Ion: 63 Resp: 54374

Ion Ratio Lower Upper

63 100

112 5.0 3.9 5.9



#38

Bromodichloromethane

Concen: 4.503 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VV025948.D

Acq: 20 May 2022 17:09

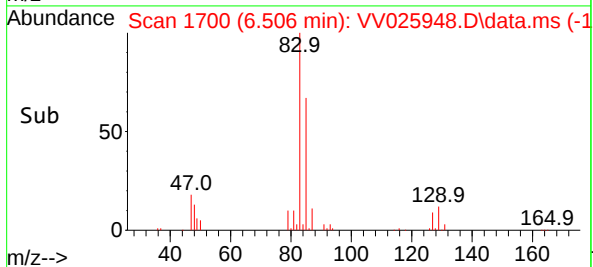
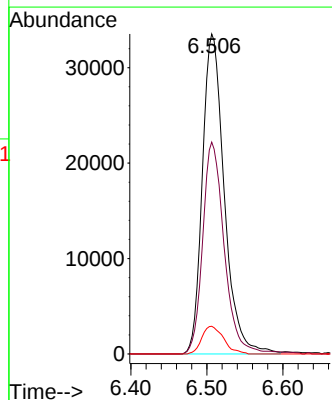
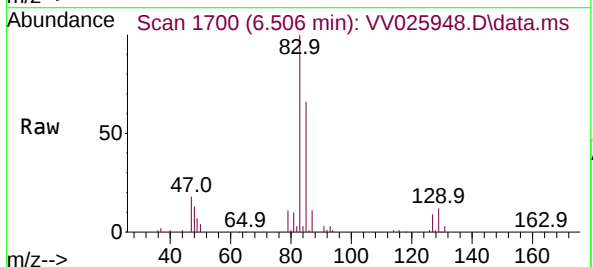
Tgt Ion: 83 Resp: 67178

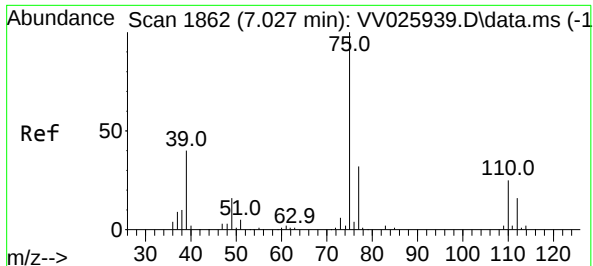
Ion Ratio Lower Upper

83 100

85 66.2 46.1 85.5

127 8.6 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 3.793 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. -0.000 min

Lab File: VV025948.D

Acq: 20 May 2022 17:09

Instrument :

MSVOA_V

ClientSampleId :

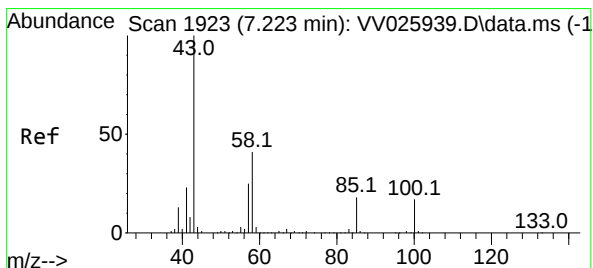
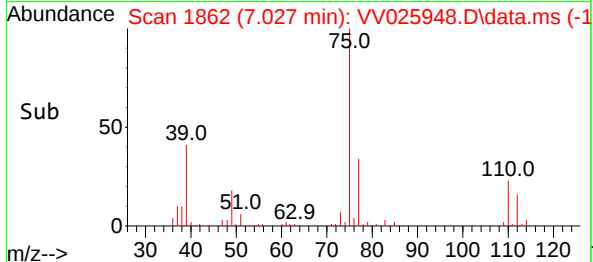
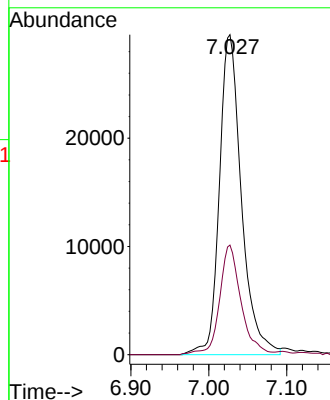
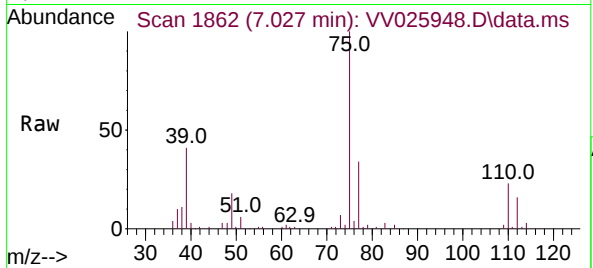
VSTD005294

Tgt Ion: 75 Resp: 58125

Ion Ratio Lower Upper

75 100

77 34.3 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 45.523 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VV025948.D

Acq: 20 May 2022 17:09

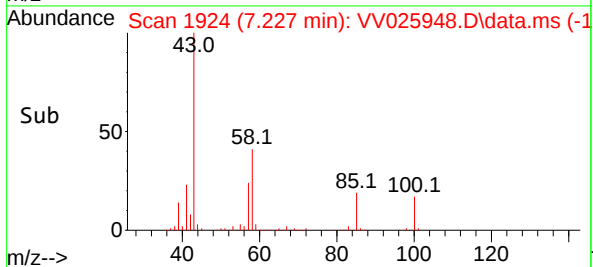
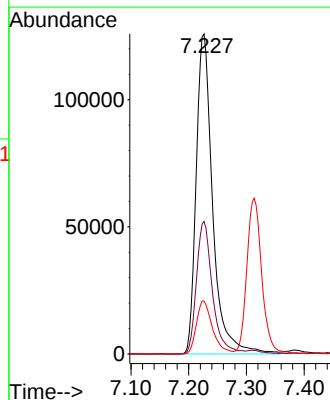
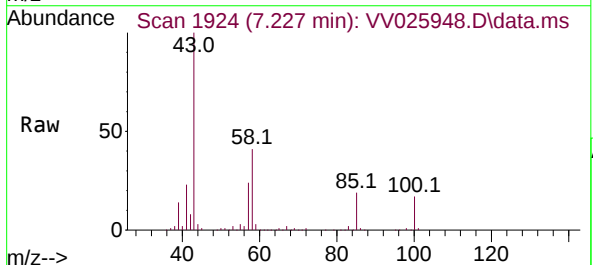
Tgt Ion: 43 Resp: 249958

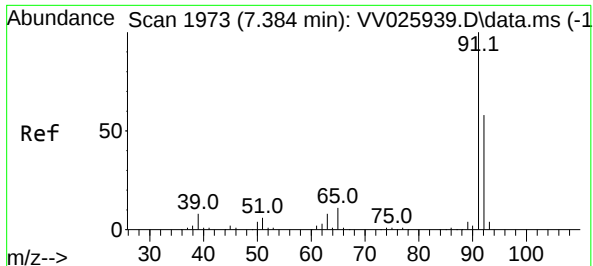
Ion Ratio Lower Upper

43 100

58 40.1 31.6 47.4

100 16.2 12.2 18.4





#42

Toluene

Concen: 4.304 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV025948.D

Acq: 20 May 2022 17:09

Instrument :

MSVOA_V

ClientSampleId :

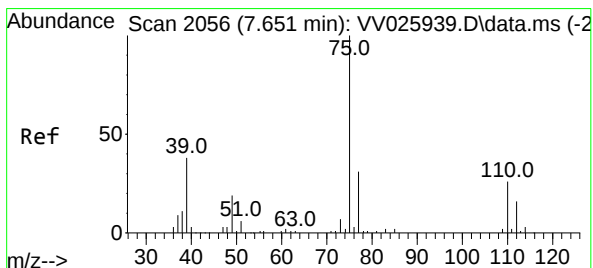
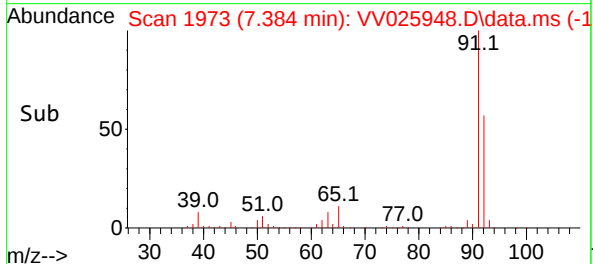
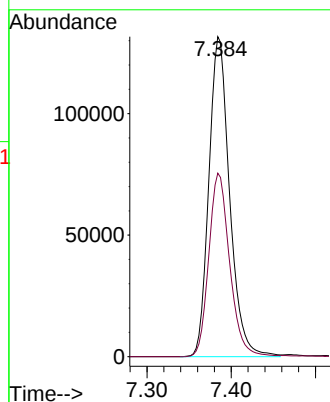
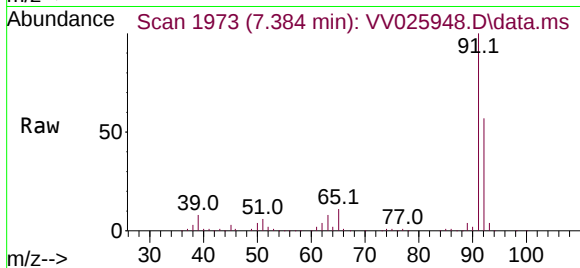
VSTD005294

Tgt Ion: 91 Resp: 225443

Ion Ratio Lower Upper

91 100

92 57.4 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 3.975 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VV025948.D

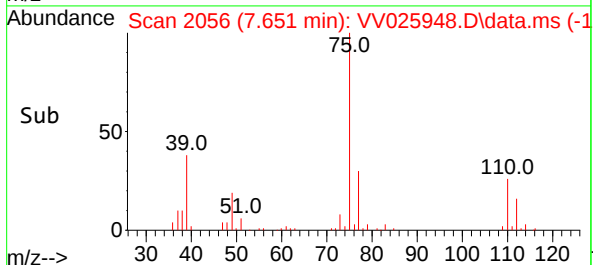
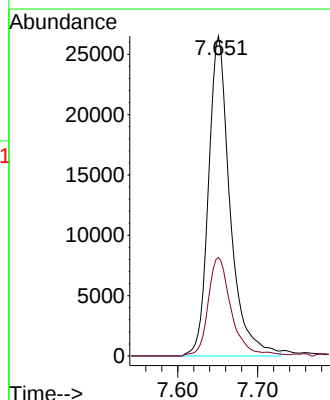
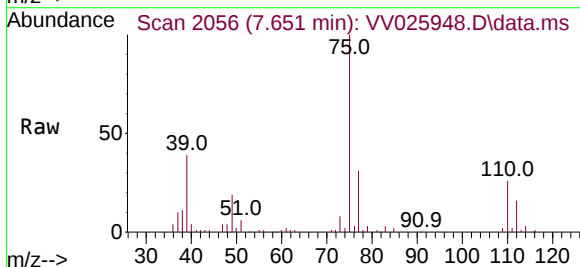
Acq: 20 May 2022 17:09

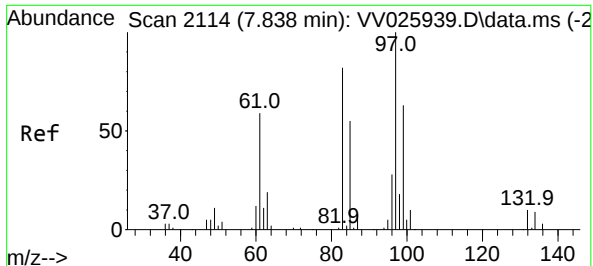
Tgt Ion: 75 Resp: 49679

Ion Ratio Lower Upper

75 100

77 30.8 23.1 42.9





#45

1,1,2-Trichloroethane

Concen: 4.632 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.000 min

Lab File: VV025948.D

Acq: 20 May 2022 17:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD005294

Tgt Ion: 97 Resp: 37749

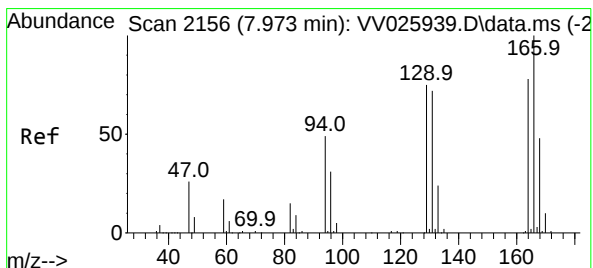
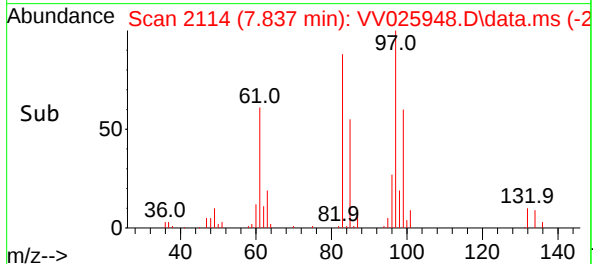
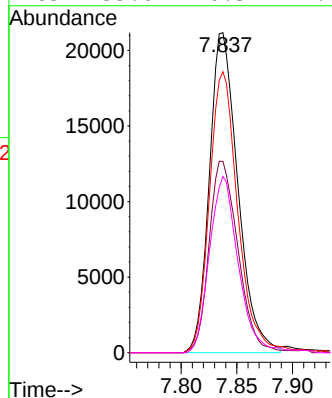
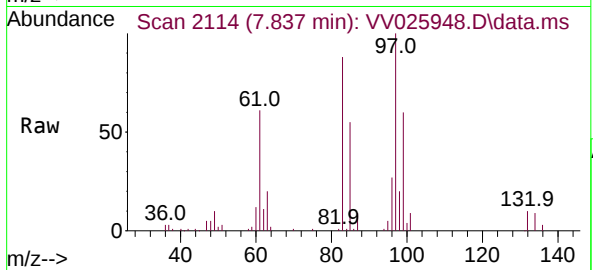
Ion Ratio Lower Upper

97 100

99 59.8 44.8 83.2

83 87.8 65.7 121.9

85 55.0 40.3 74.8



#47

Tetrachloroethene

Concen: 3.795 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV025948.D

Acq: 20 May 2022 17:09

Tgt Ion:164 Resp: 37788

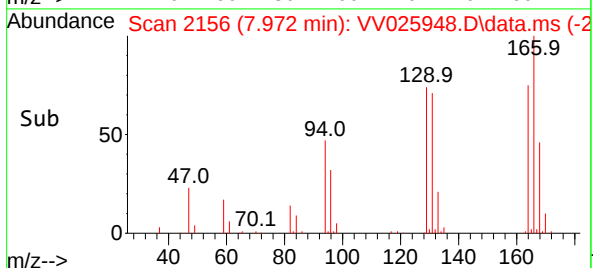
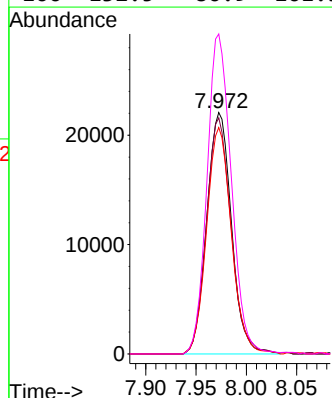
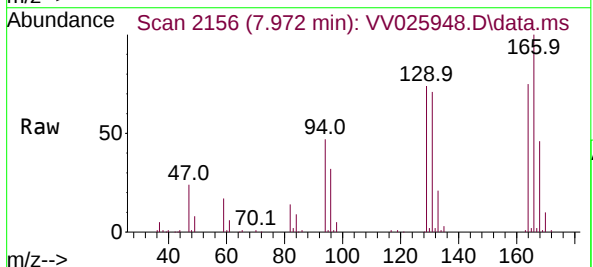
Ion Ratio Lower Upper

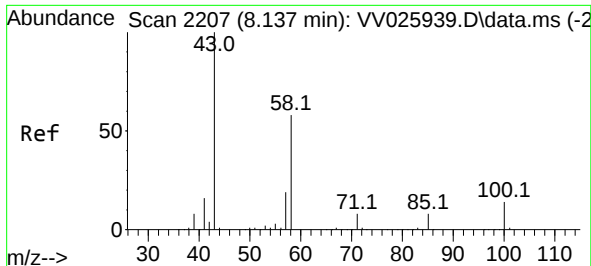
164 100

129 97.8 67.5 125.4

131 93.8 63.8 118.4

166 132.5 86.9 161.3

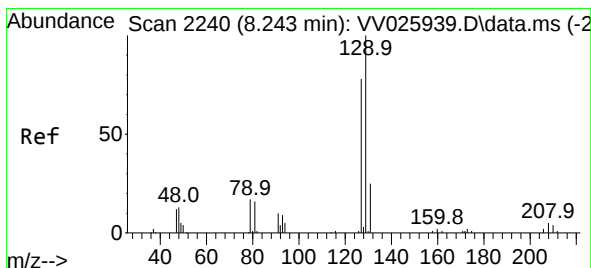
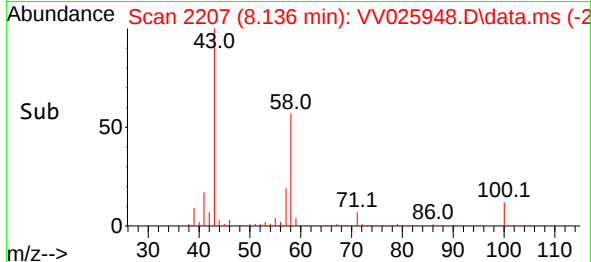
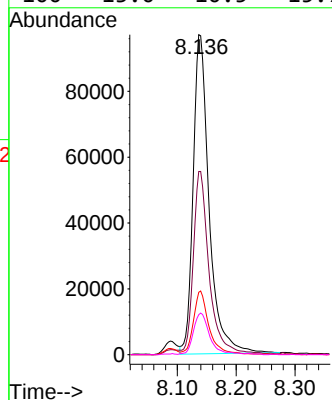
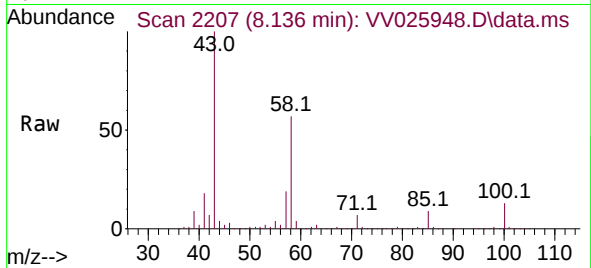




#48
2-Hexanone
Concen: 47.104 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

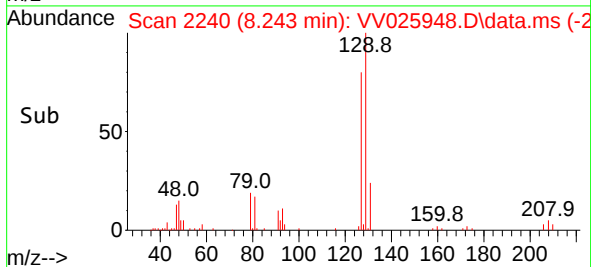
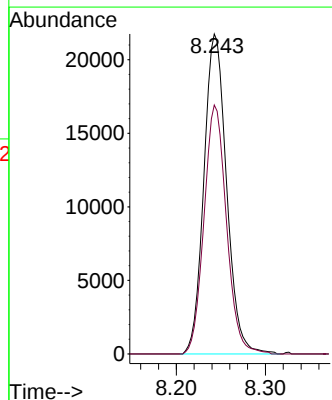
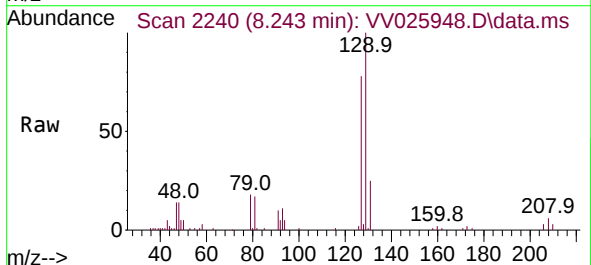
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

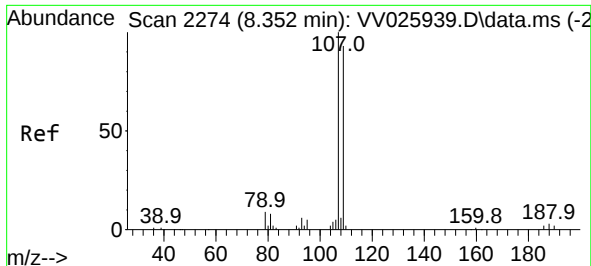
Tgt Ion: 43 Resp: 182843
Ion Ratio Lower Upper
43 100
58 56.0 44.7 67.1
57 19.2 14.9 22.3
100 13.0 10.5 15.7



#49
Dibromochloromethane
Concen: 4.322 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

Tgt Ion: 129 Resp: 38483
Ion Ratio Lower Upper
129 100
127 77.8 54.5 101.1





#50

1,2-Dibromoethane

Concen: 4.527 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV025948.D

Acq: 20 May 2022 17:09

Instrument :

MSVOA_V

ClientSampleId :

VSTD005294

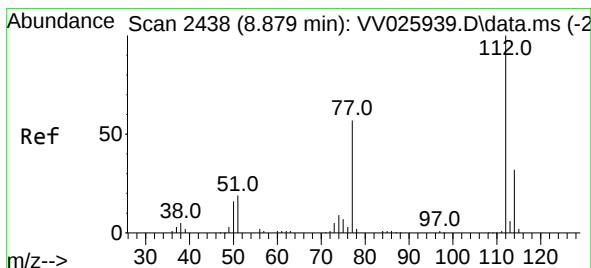
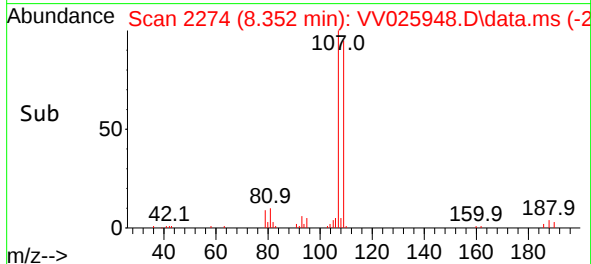
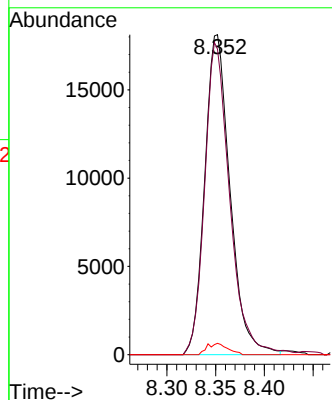
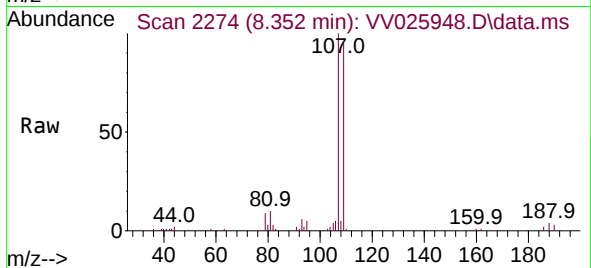
Tgt Ion:107 Resp: 32797

Ion Ratio Lower Upper

107 100

109 95.5 68.1 126.5

188 3.6 2.7 4.1



#51

Chlorobenzene

Concen: 4.207 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV025948.D

Acq: 20 May 2022 17:09

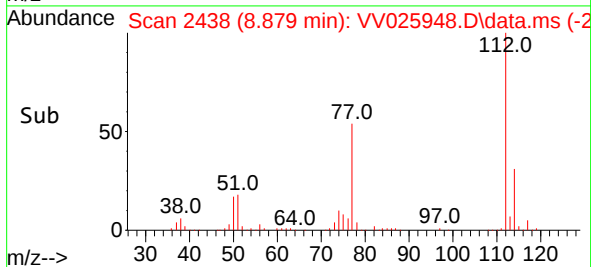
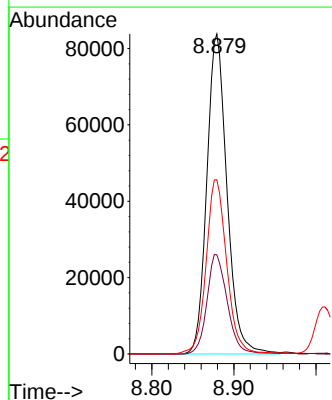
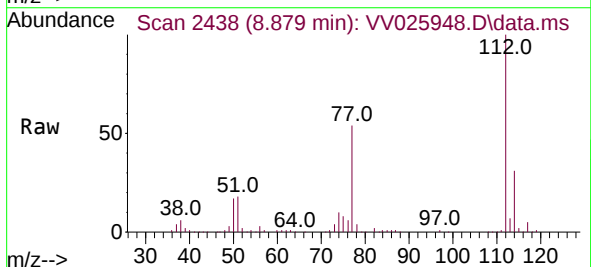
Tgt Ion:112 Resp: 142939

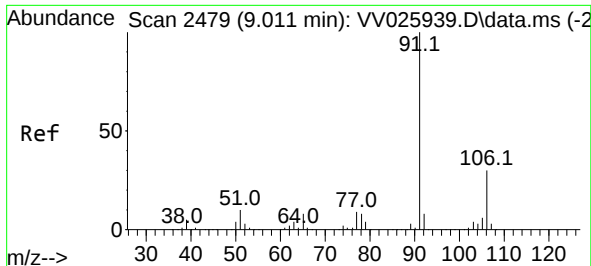
Ion Ratio Lower Upper

112 100

114 31.0 22.3 41.3

77 54.5 45.3 67.9

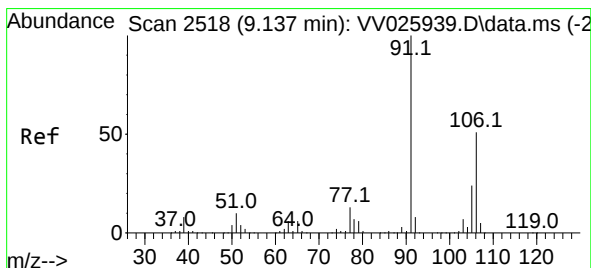
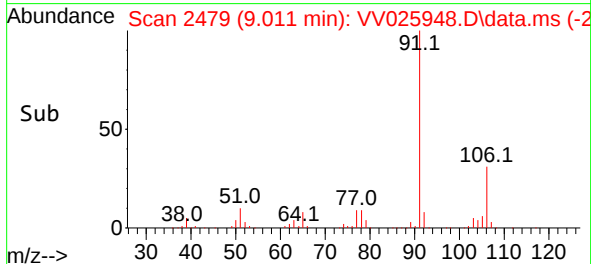
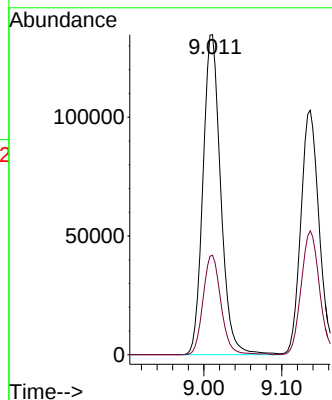
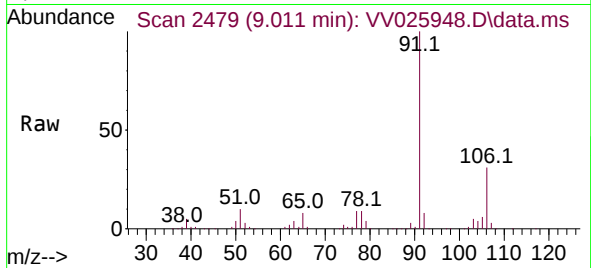




#52
Ethylbenzene
Concen: 3.884 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. -0.000 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

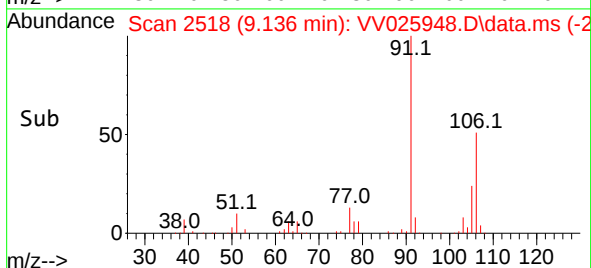
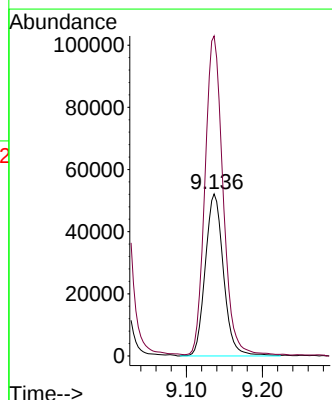
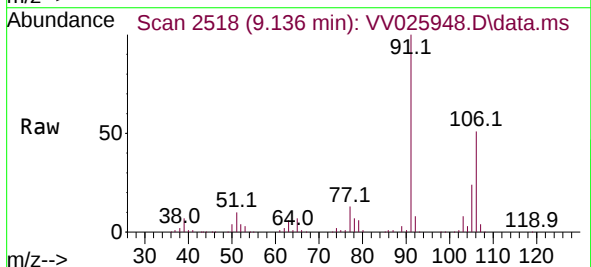
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

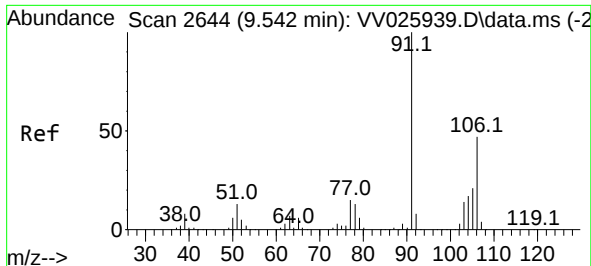
Tgt Ion: 91 Resp: 213975
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.0



#53
m,p-Xylene
Concen: 4.079 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. -0.000 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

Tgt Ion: 106 Resp: 86808
Ion Ratio Lower Upper
106 100
91 197.5 135.3 251.3

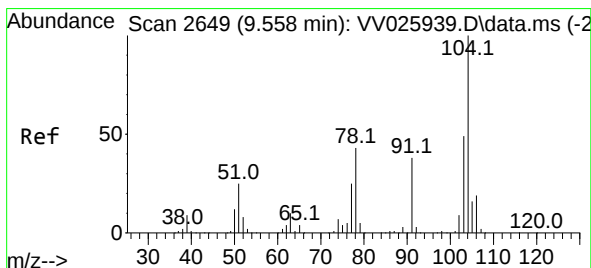
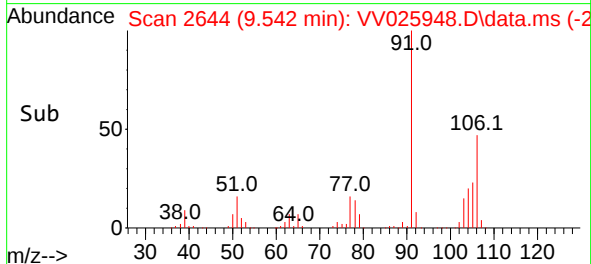
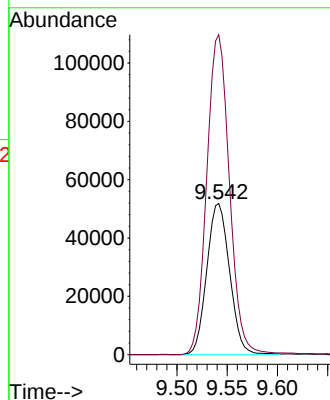
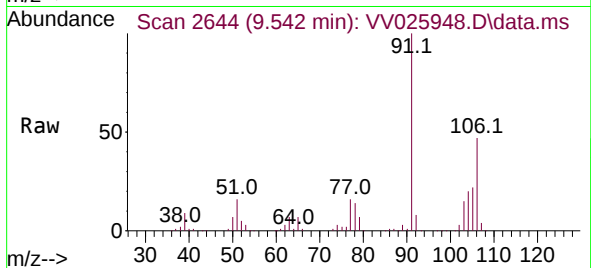




#54
o-Xylene
Concen: 4.048 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

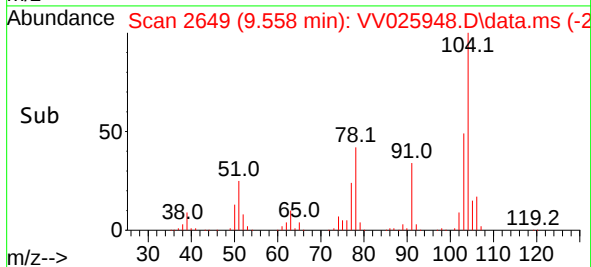
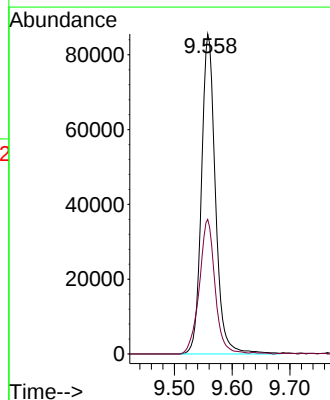
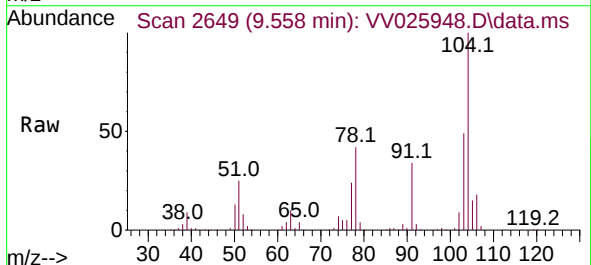
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

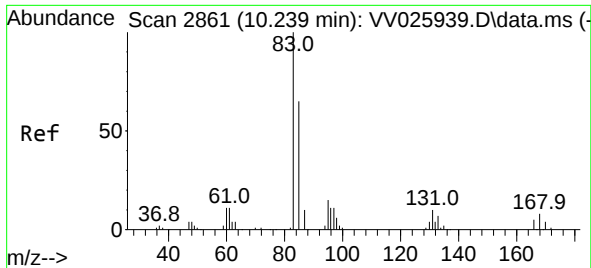
Tgt Ion:106 Resp: 82041
Ion Ratio Lower Upper
106 100
91 211.6 145.1 269.5



#55
Styrene
Concen: 4.228 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

Tgt Ion:104 Resp: 143967
Ion Ratio Lower Upper
104 100
78 42.1 30.0 55.8

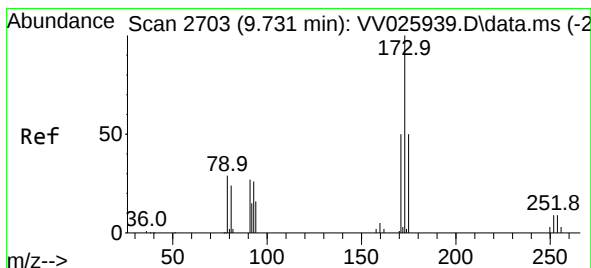
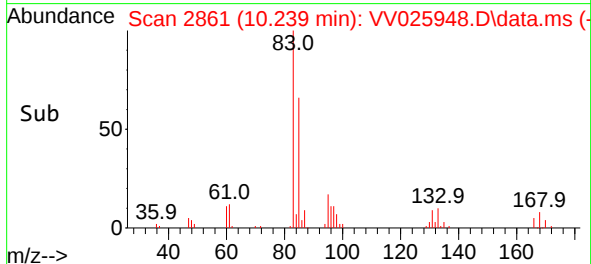
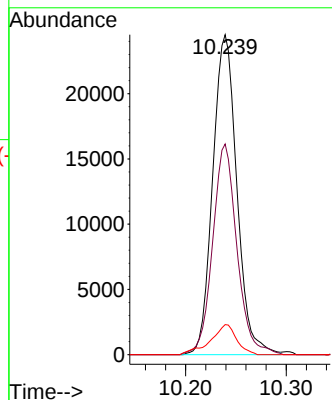
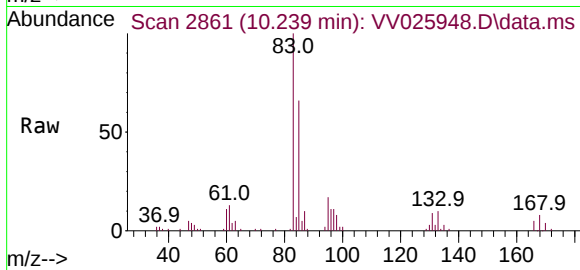




#57
 1,1,2,2-Tetrachloroethane
 Concen: 4.643 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV025948.D
 Acq: 20 May 2022 17:09

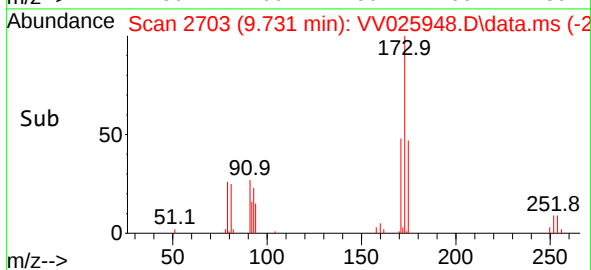
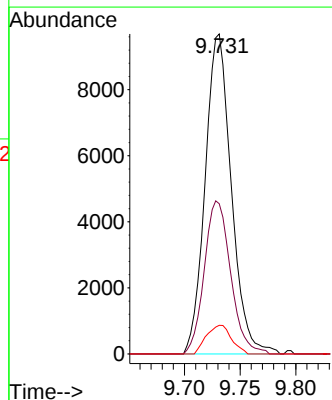
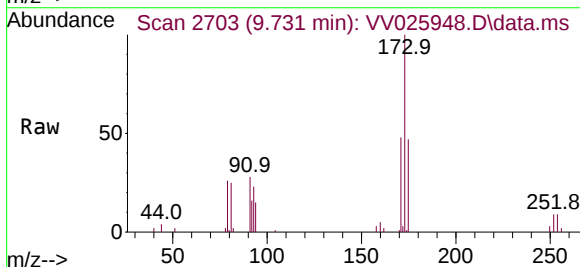
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005294

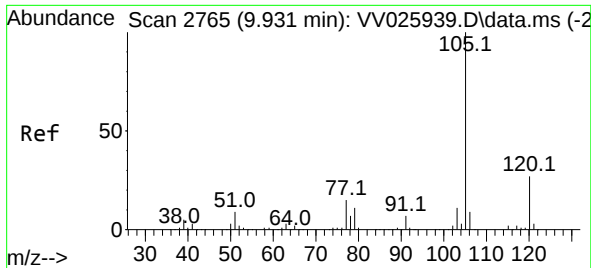
Tgt Ion:	83	Resp:	40881
Ion	Ratio	Lower	Upper
83	100		
85	65.8	44.5	82.7
131	9.4	6.7	10.1



#59
 Bromoform
 Concen: 3.793 ug/L
 RT: 9.731 min Scan# 2703
 Delta R.T. -0.000 min
 Lab File: VV025948.D
 Acq: 20 May 2022 17:09

Tgt Ion:	173	Resp:	15854
Ion	Ratio	Lower	Upper
173	100		
175	48.2	39.4	59.2
254	8.5	7.0	10.6

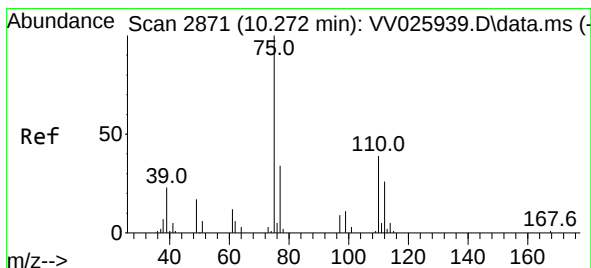
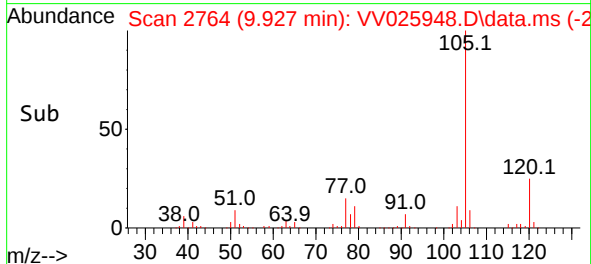
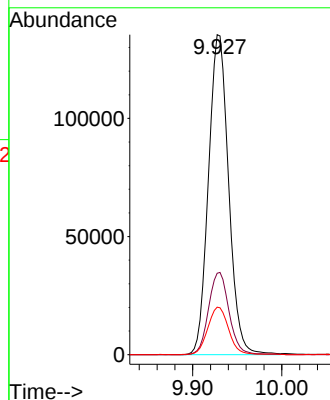
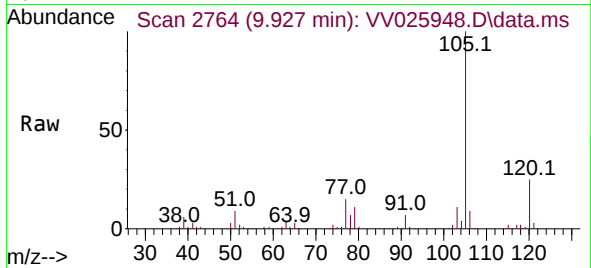




#60
Isopropylbenzene
Concen: 3.948 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

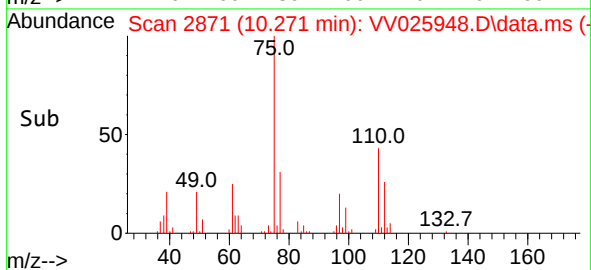
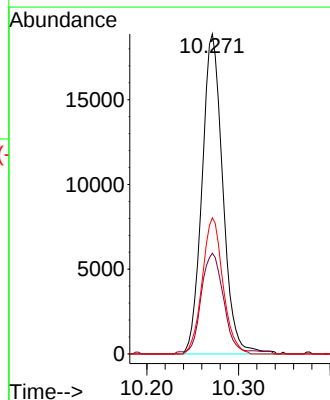
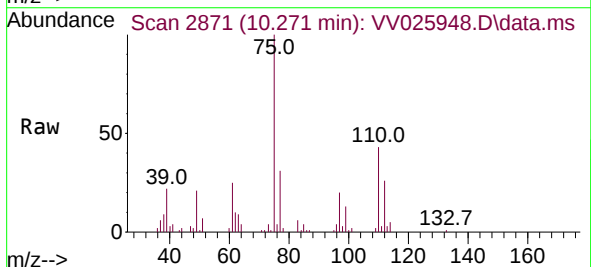
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

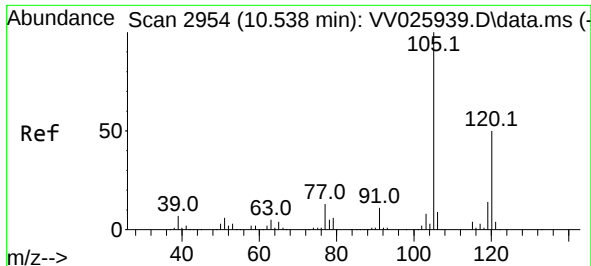
Tgt Ion:105 Resp: 212640
Ion Ratio Lower Upper
105 100
120 26.2 20.7 31.1
77 15.3 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 4.424 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

Tgt Ion: 75 Resp: 29683
Ion Ratio Lower Upper
75 100
77 34.5 26.2 39.2
110 42.5 32.4 48.6





#62

1,3,5-Trimethylbenzene

Concen: 3.722 ug/L

RT: 10.538 min Scan# 2954

Delta R.T. -0.000 min

Lab File: VV025948.D

Acq: 20 May 2022 17:09

Instrument :

MSVOA_V

ClientSampleId :

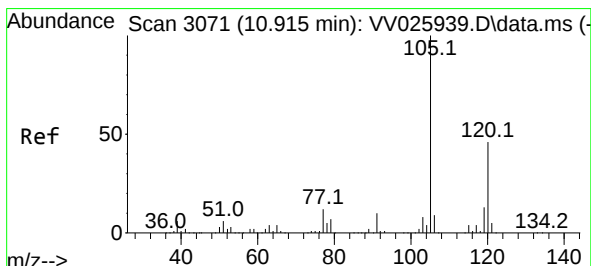
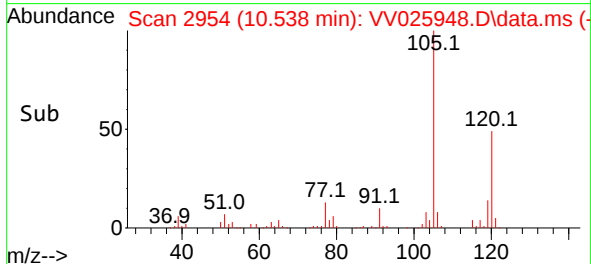
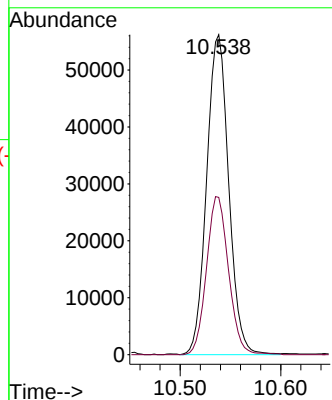
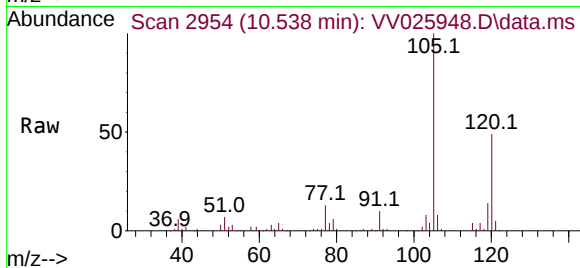
VSTD005294

Tgt Ion:105 Resp: 85617

Ion Ratio Lower Upper

105 100

120 49.4 40.4 60.6



#63

1,2,4-Trimethylbenzene

Concen: 3.656 ug/L

RT: 10.911 min Scan# 3070

Delta R.T. -0.003 min

Lab File: VV025948.D

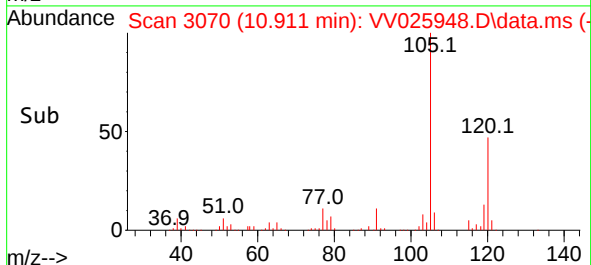
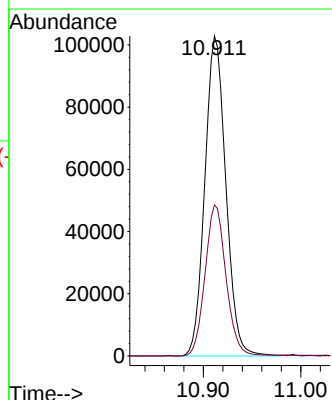
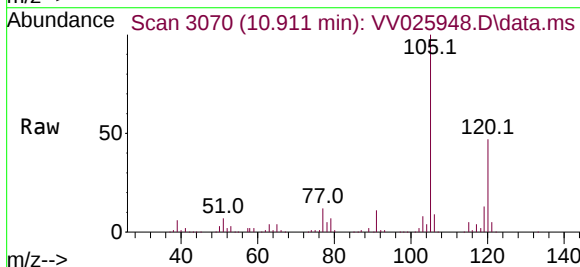
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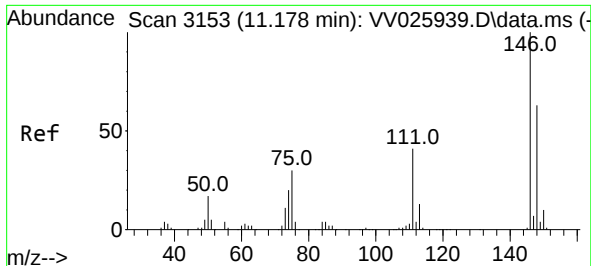
Tgt Ion:105 Resp: 154197

Ion Ratio Lower Upper

105 100

120 47.2 36.8 55.2

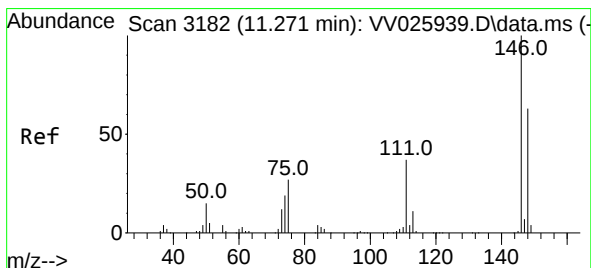
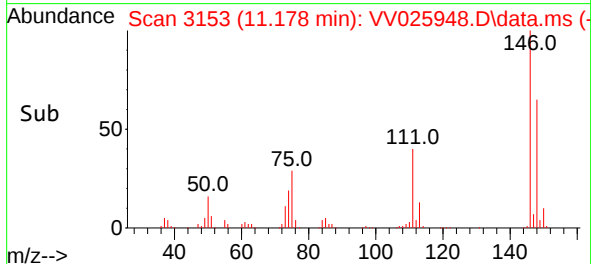
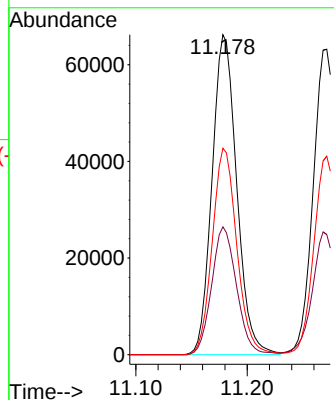
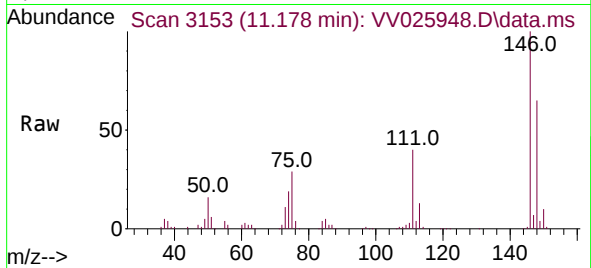




#64
1,3-Dichlorobenzene
Concen: 3.997 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

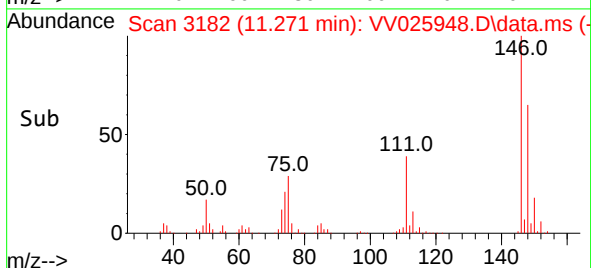
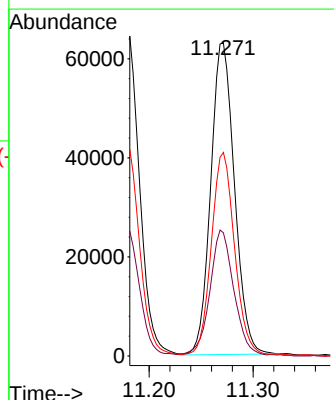
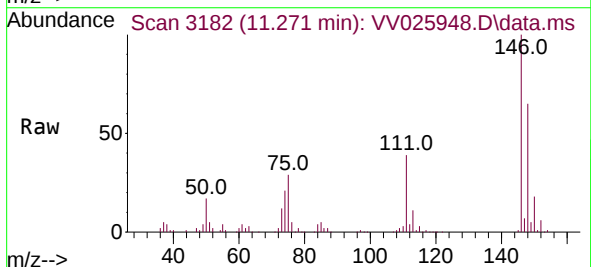
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

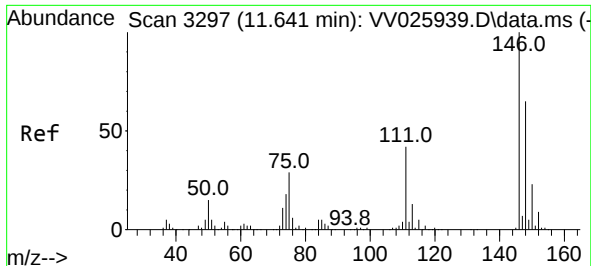
Tgt Ion:146 Resp: 101866
Ion Ratio Lower Upper
146 100
111 40.0 28.2 52.4
148 64.5 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 3.856 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

Tgt Ion:146 Resp: 100031
Ion Ratio Lower Upper
146 100
111 39.4 27.5 51.1
148 65.0 44.7 82.9

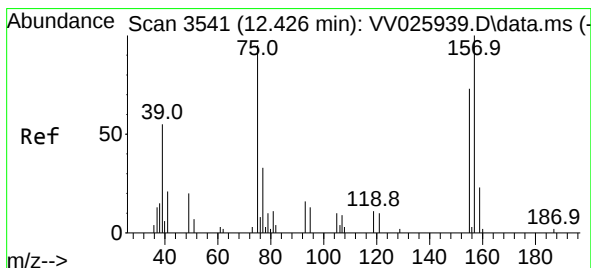
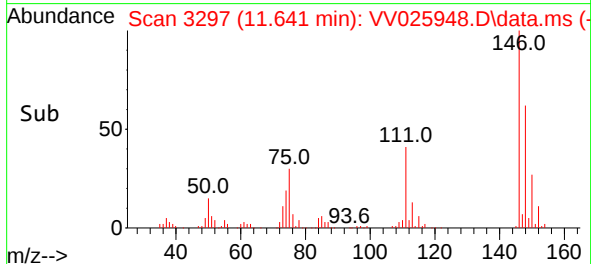
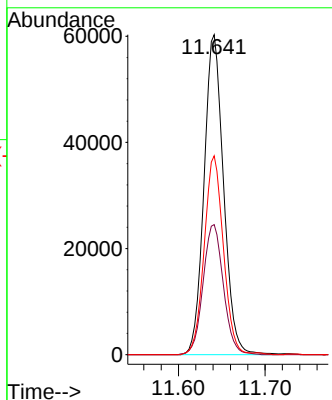
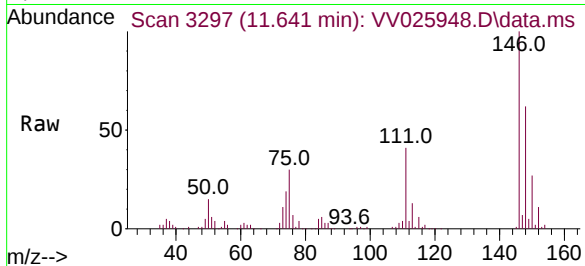




#67
1,2-Dichlorobenzene
Concen: 4.122 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

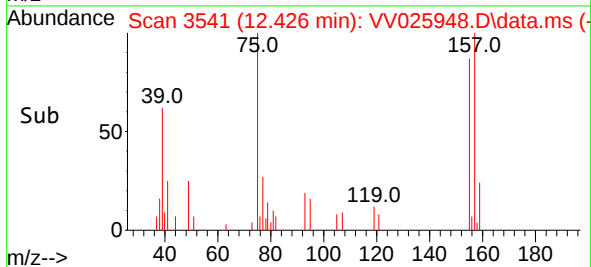
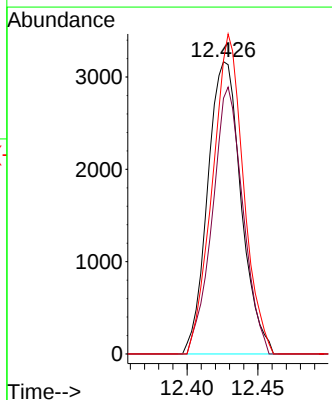
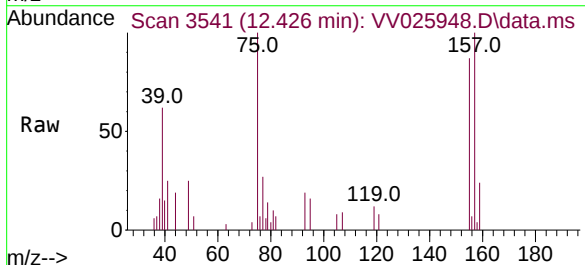
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

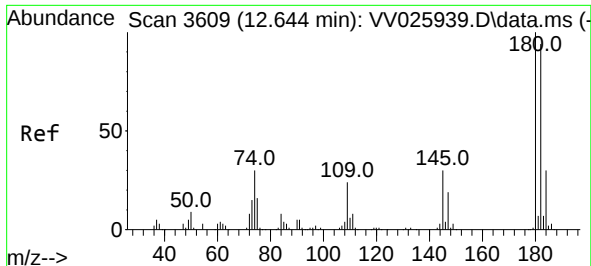
Tgt Ion:146 Resp: 94392
Ion Ratio Lower Upper
146 100
111 40.6 33.6 50.4
148 62.1 49.4 74.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.000 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

Tgt Ion: 75 Resp: 5198
Ion Ratio Lower Upper
75 100
155 87.5 59.6 89.4
157 100.4 85.3 127.9

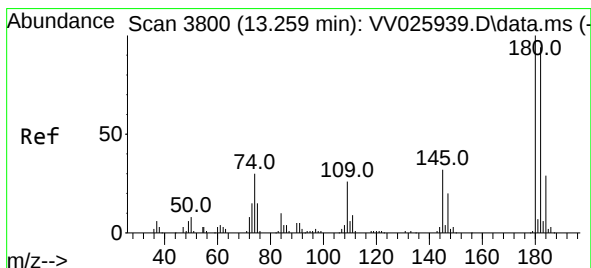
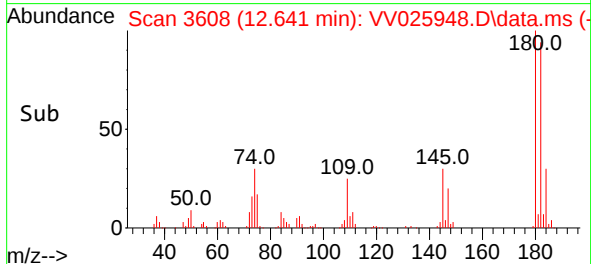
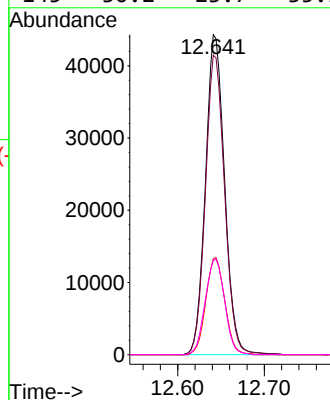
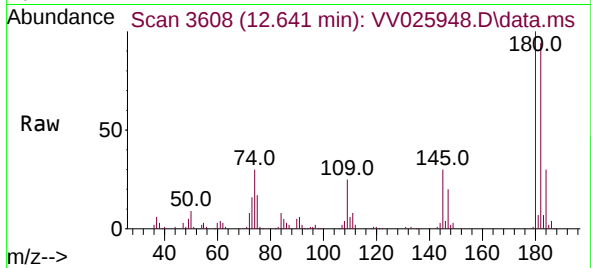




#69
1,3,5-Trichlorobenzene
Concen: 3.592 ug/L
RT: 12.641 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

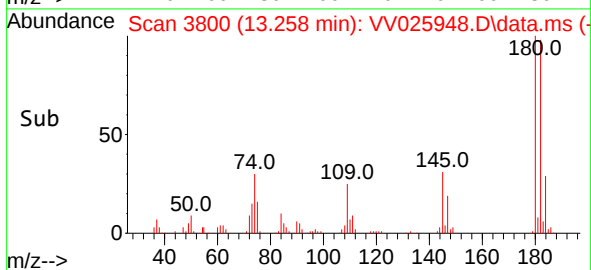
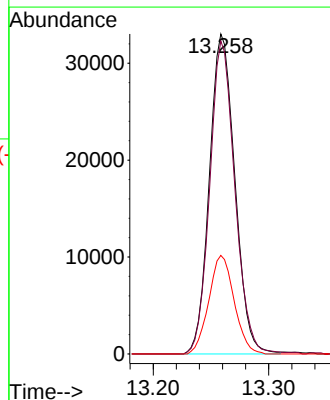
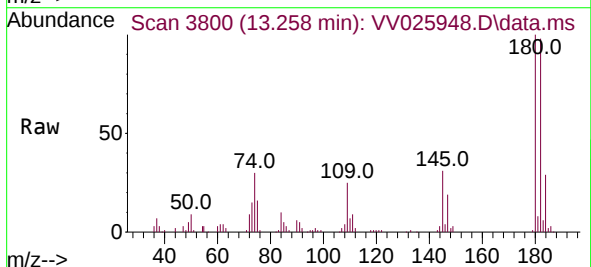
Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

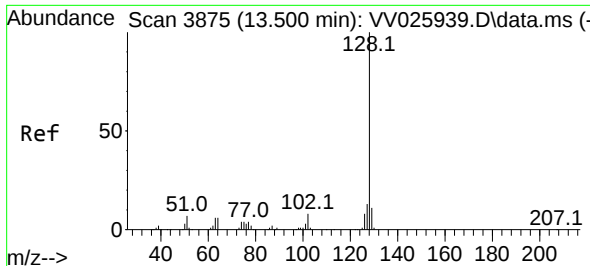
Tgt Ion:180 Resp: 68193
Ion Ratio Lower Upper
180 100
182 93.6 74.3 111.5
184 30.0 23.5 35.3
145 30.2 23.7 35.5



#70
1,2,4-trichlorobenzene
Concen: 3.513 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

Tgt Ion:180 Resp: 50588
Ion Ratio Lower Upper
180 100
182 96.3 75.0 112.4
145 30.6 25.1 37.7

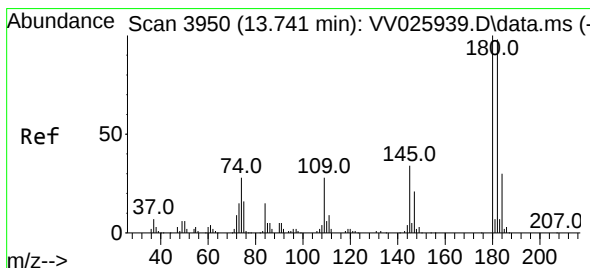
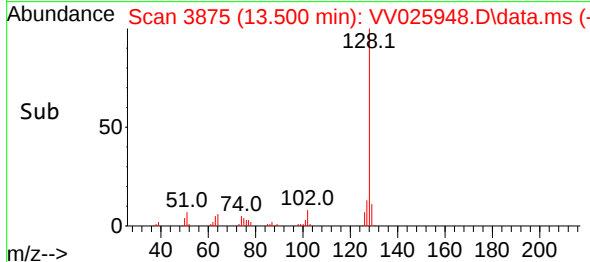
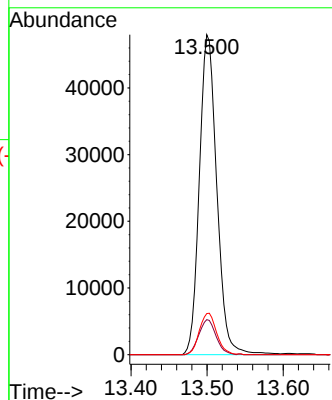
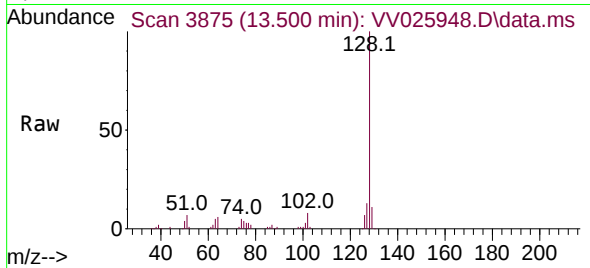




#71
Naphthalene
Concen: 3.547 ug/L
RT: 13.500 min Scan# 3875
Delta R.T. -0.000 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

Instrument :
MSVOA_V
ClientSampleId :
VSTD005294

Tgt Ion:128	Resp:	76491
Ion Ratio	Lower	Upper
128	100	
129	10.8	8.8 13.2
127	12.9	10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 3.559 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.000 min
Lab File: VV025948.D
Acq: 20 May 2022 17:09

Tgt Ion:180	Resp:	44271
Ion Ratio	Lower	Upper
180	100	
182	95.4	73.5 110.3
145	31.3	25.9 38.9

