

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051722\
 Data File : VW025925.D
 Acq On : 17 May 2022 14:49
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005292

Quant Time: May 18 05:58:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 18 05:55:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	180929	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	184321	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	103684	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	68115	4.558	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.568	69	63159	4.936	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.111	63	163008	4.928	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	3.899	46	101855	58.858	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.720%
24) Chloroform-d	4.346	84	127556	5.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.030	65	53236	5.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.047	84	246580	5.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.066	67	69584	5.001	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.310	98	237185	5.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
43) trans-1,3-Dichloroprop...	7.622	79	19656	4.319	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.085	63	86490	51.187	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.380%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	47574	5.307	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	72363	4.902	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.133	85	92334	4.732	ug/L	100
3) Chloromethane	1.243	50	114995	5.045	ug/L	97
5) Vinyl chloride	1.314	62	119907	5.002	ug/L	97
6) Bromomethane	1.523	94	58067	4.161	ug/L	98
8) Chloroethane	1.587	64	83932	5.397	ug/L	93
9) Trichlorofluoromethane	1.754	101	166228	5.196	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	90330	5.038	ug/L	98
12) 1,1-Dichloroethene	2.117	96	92041	5.293	ug/L	93
13) Acetone	2.198	43	98750	59.189	ug/L	76
14) Carbon disulfide	2.294	76	219300	4.895	ug/L	98
15) Methyl Acetate	2.442	43	23648	6.222	ug/L	97
16) Methylene chloride	2.506	84	84276	4.774	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	146916	5.295	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	79218	5.224	ug/L	99
19) 1,1-Dichloroethane	3.188	63	153020	5.330	ug/L	99
21) 2-Butanone	3.979	43	147820	61.698	ug/L	89
22) cis-1,2-Dichloroethene	3.908	96	80996	5.229	ug/L	95
23) Bromochloromethane	4.246	128	35296	5.387	ug/L	94
25) Chloroform	4.371	83	155263	5.336	ug/L	99

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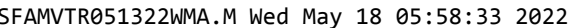
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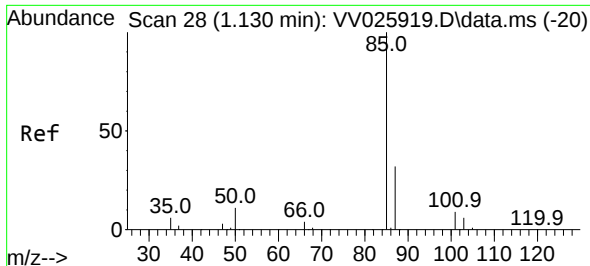
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	82978	5.410	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	136377	5.426	ug/L	99
30) Cyclohexane	4.674	56	109115	4.875	ug/L	99
31) Carbon tetrachloride	4.821	117	112496	5.288	ug/L	100
33) Benzene	5.095	78	336325	5.387	ug/L	100
34) Trichloroethene	5.911	95	79984	5.017	ug/L	97
35) Methylcyclohexane	6.127	83	118872	4.856	ug/L	98
37) 1,2-Dichloropropane	6.169	63	81059	5.505	ug/L	100
38) Bromodichloromethane	6.506	83	98740	5.335	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	86340	4.542	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	377526	55.427	ug/L	99
42) Toluene	7.384	91	359113	5.526	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	68454	4.415	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	52635	5.207	ug/L	95
47) Tetrachloroethene	7.972	164	62063	5.024	ug/L	99
48) 2-Hexanone	8.136	43	267856	55.628	ug/L	98
49) Dibromochloromethane	8.242	129	56001	5.070	ug/L	98
50) 1,2-Dibromoethane	8.349	107	47577	5.294	ug/L	92
51) Chlorobenzene	8.876	112	220305	5.227	ug/L	100
52) Ethylbenzene	9.008	91	358428	5.244	ug/L	99
53) m,p-Xylene	9.136	106	141870	5.375	ug/L	97
54) o-Xylene	9.541	106	135670	5.397	ug/L	99
55) Styrene	9.558	104	235644	5.579	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	59763	5.472	ug/L	96
59) Bromoform	9.728	173	23604	4.389	ug/L	97
60) Isopropylbenzene	9.927	105	359784	5.192	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	43332	5.020	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	148576	5.020	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	279567	5.152	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	165758	5.055	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	167474	5.017	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	150084	5.094	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	8089	4.838	ug/L	92
69) 1,3,5-Trichlorobenzene	12.641	180	118280	4.843	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	86687	4.679	ug/L	99
71) Naphthalene	13.500	128	123043	4.435	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	74106	4.630	ug/L	96

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

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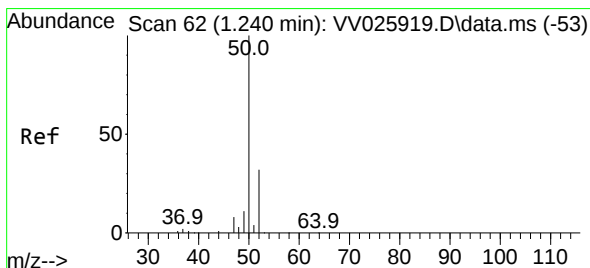
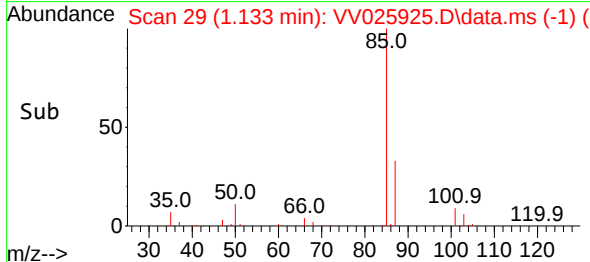
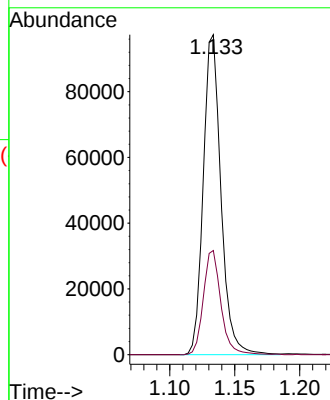
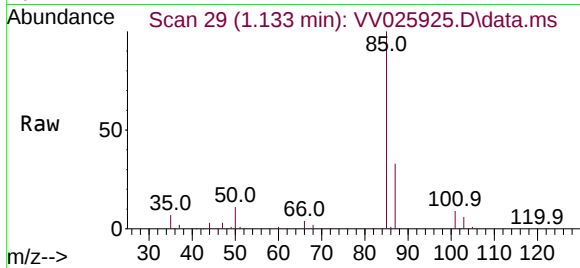




#2
 Dichlorodifluoromethane
 Concen: 4.732 ug/L
 RT: 1.133 min Scan# 28
 Delta R.T. 0.003 min
 Lab File: VV025925.D
 Acq: 17 May 2022 14:49

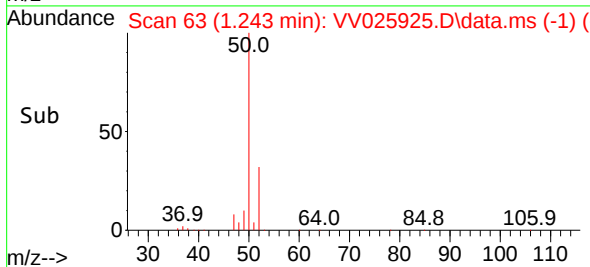
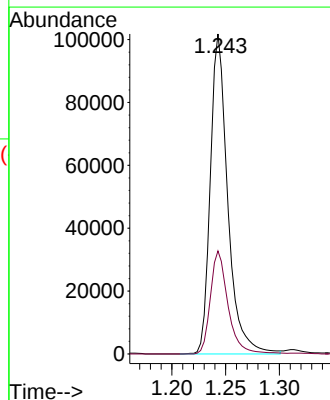
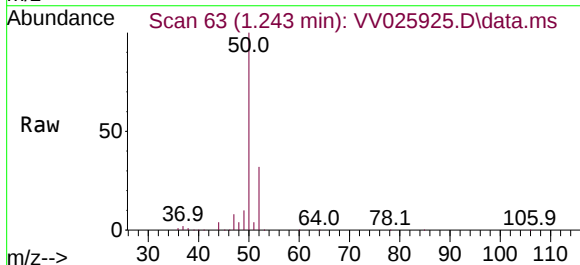
Instrument :
 MSVOA_V
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 VSTD005292

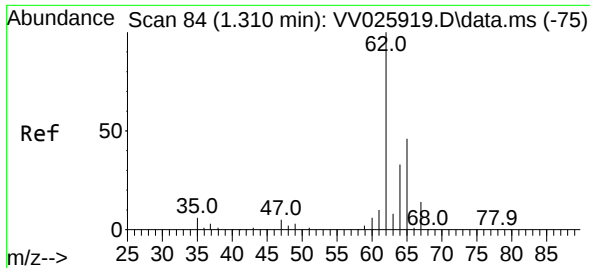
Tgt Ion: 85 Resp: 92334
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.0 39.0



#3
 Chloromethane
 Concen: 5.045 ug/L
 RT: 1.243 min Scan# 63
 Delta R.T. 0.003 min
 Lab File: VV025925.D
 Acq: 17 May 2022 14:49

Tgt Ion: 50 Resp: 114995
 Ion Ratio Lower Upper
 50 100
 52 32.2 23.9 44.3

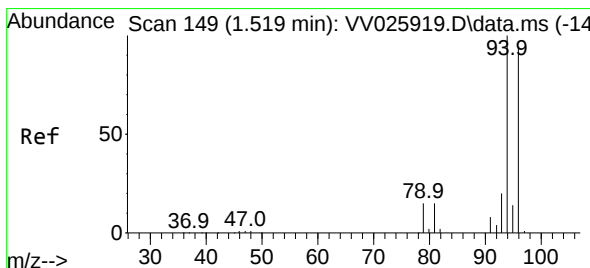
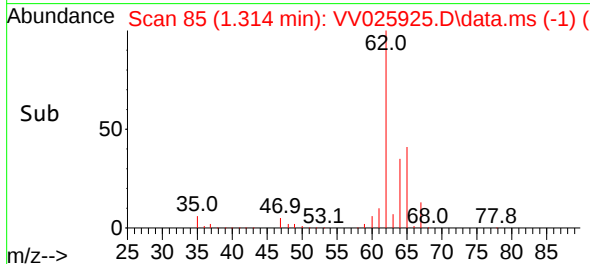
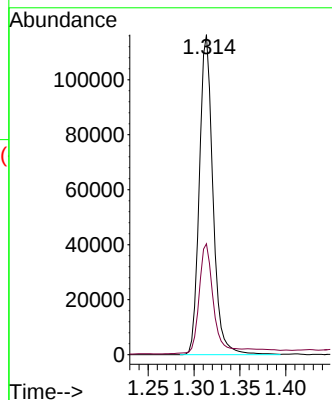
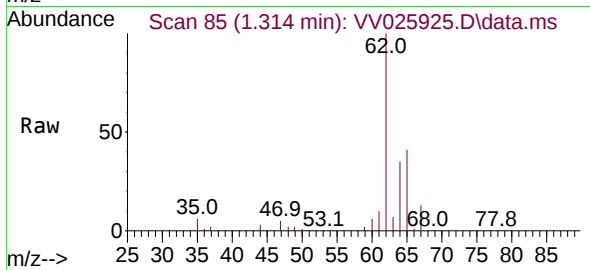




#5
 Vinyl chloride
 Concen: 5.002 ug/L
 RT: 1.314 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV025925.D
 Acq: 17 May 2022 14:49

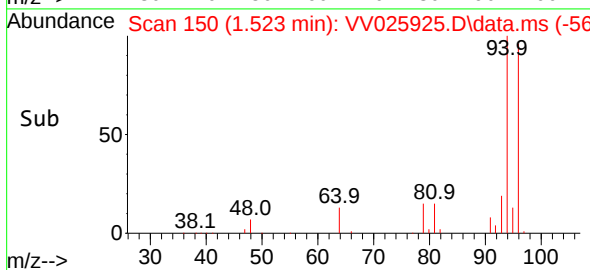
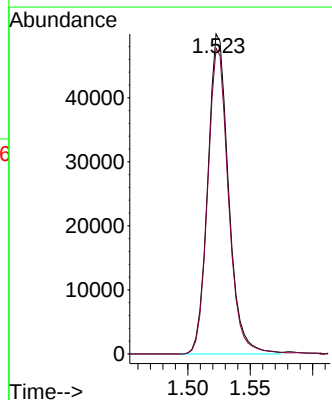
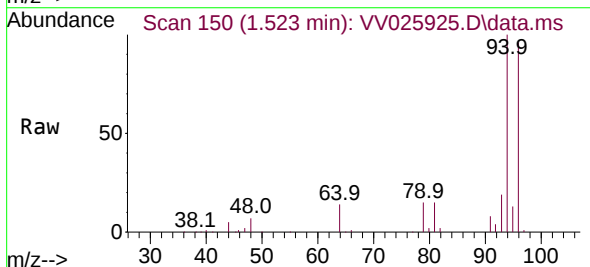
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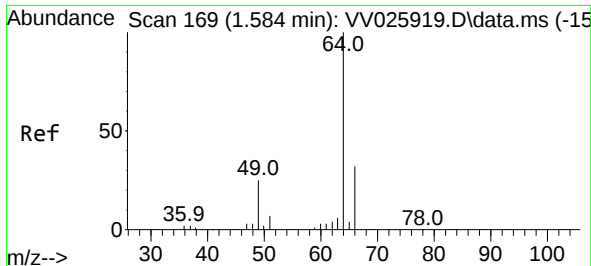
Tgt Ion: 62 Resp: 119907
 Ion Ratio Lower Upper
 62 100
 64 34.6 22.9 42.5



#6
 Bromomethane
 Concen: 4.161 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.003 min
 Lab File: VV025925.D
 Acq: 17 May 2022 14:49

Tgt Ion: 94 Resp: 58067
 Ion Ratio Lower Upper
 94 100
 96 95.5 65.4 121.4

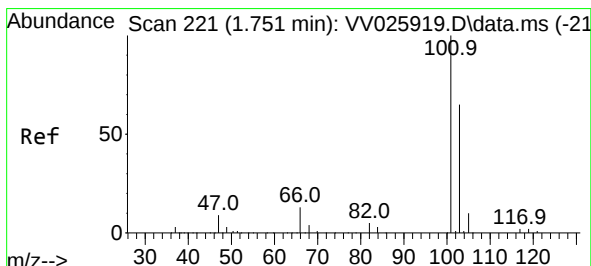
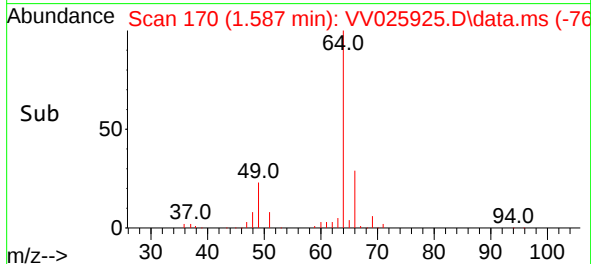
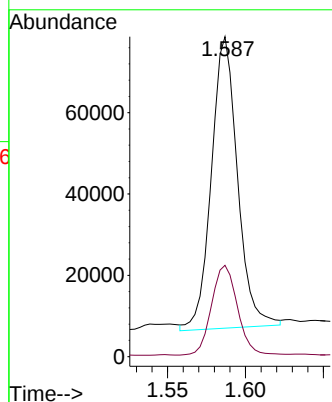
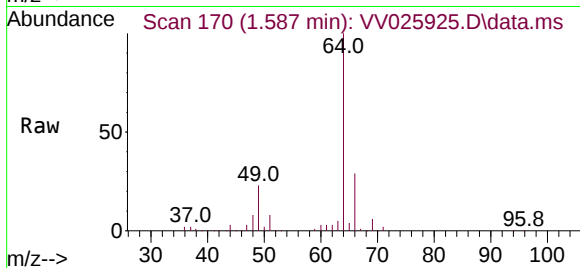




#8
Chloroethane
Concen: 5.397 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

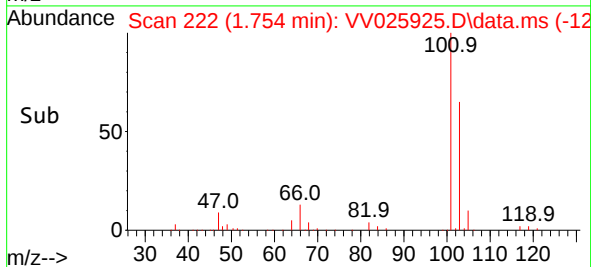
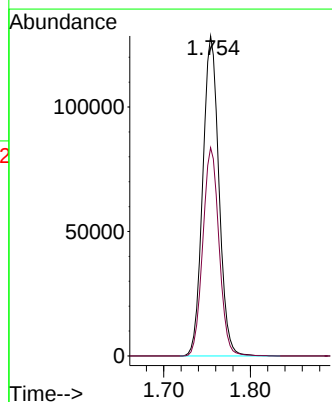
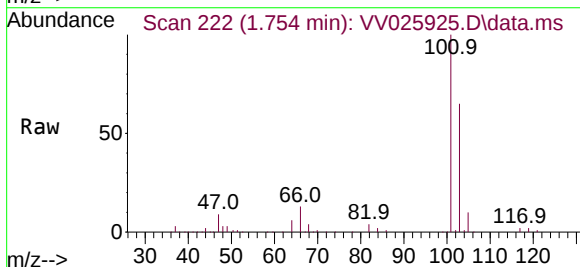
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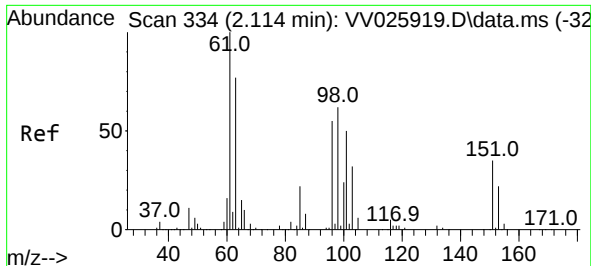
Tgt Ion: 64 Resp: 83932
Ion Ratio Lower Upper
64 100
66 28.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.196 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

Tgt Ion:101 Resp: 166228
Ion Ratio Lower Upper
101 100
103 65.2 50.6 76.0





#10

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

Concen: 5.038 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV025925.D

Acq: 17 May 2022 14:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD005292

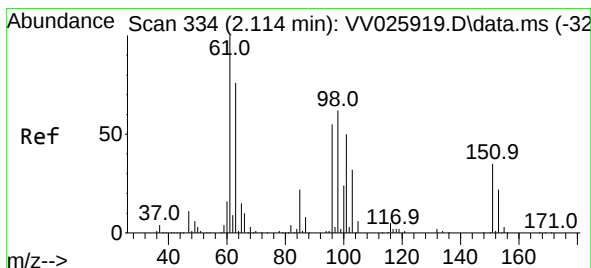
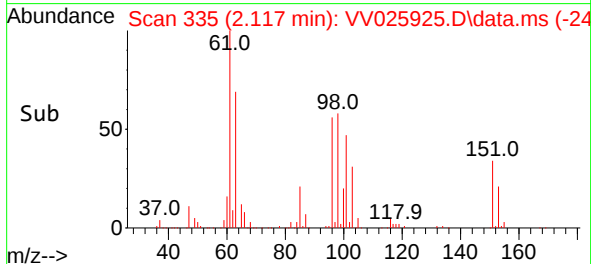
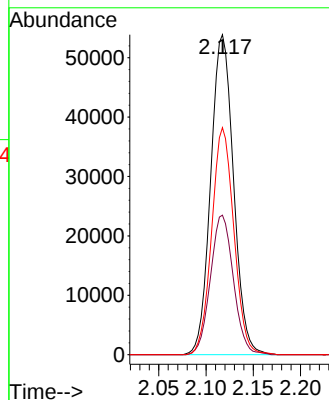
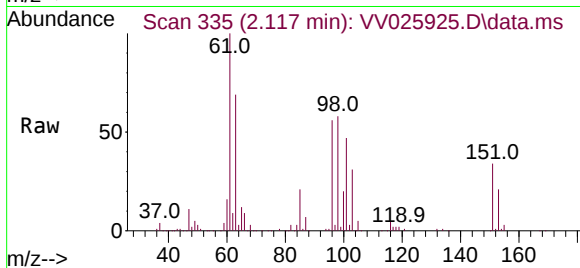
Tgt Ion:101 Resp: 90330

Ion Ratio Lower Upper

101 100

85 43.9 35.7 53.5

151 69.1 54.1 81.1



#12

1,1-Dichloroethene

Concen: 5.293 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.003 min

Lab File: VV025925.D

Acq: 17 May 2022 14:49

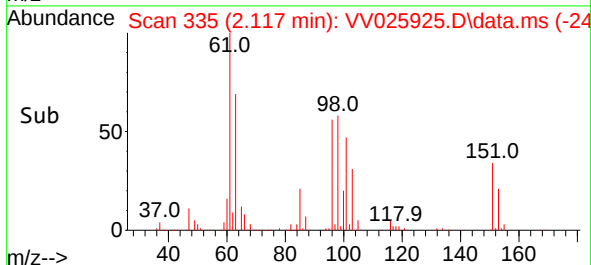
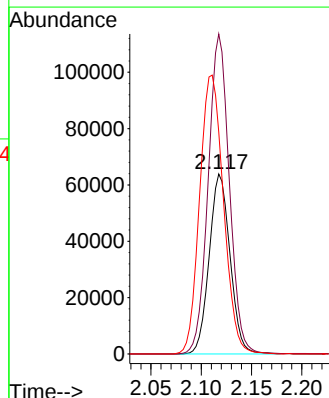
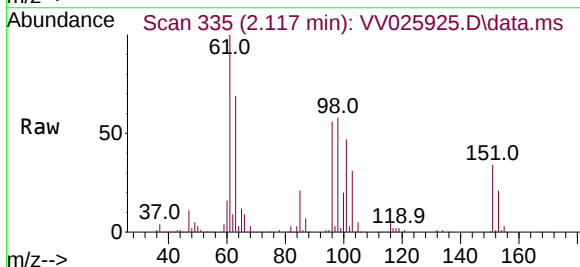
Tgt Ion: 96 Resp: 92041

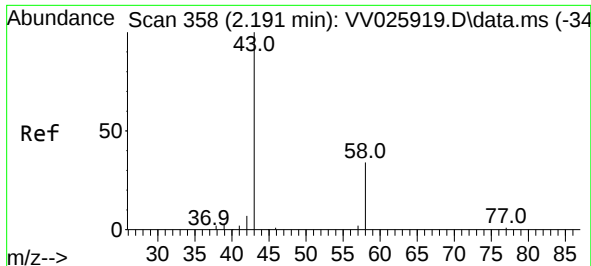
Ion Ratio Lower Upper

96 100

61 177.8 119.8 222.6

63 123.3 78.3 145.3





#13

Acetone

Concen: 59.189 ug/L

RT: 2.198 min Scan# 30

Delta R.T. 0.006 min

Lab File: VV025925.D

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ClientSampleId :

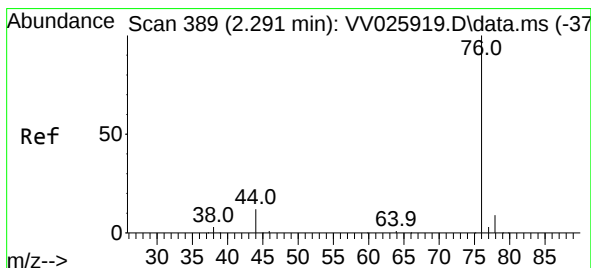
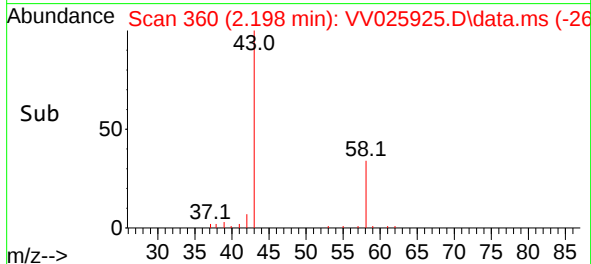
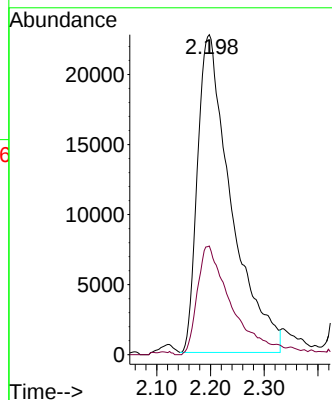
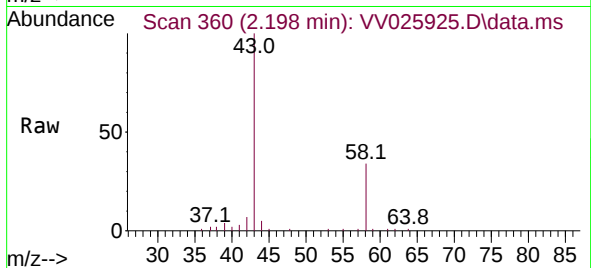
VSTD005292

Tgt Ion: 43 Resp: 98750

Ion Ratio Lower Upper

43 100

58 33.8 0.0 44.6



#14

Carbon disulfide

Concen: 4.895 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV025925.D

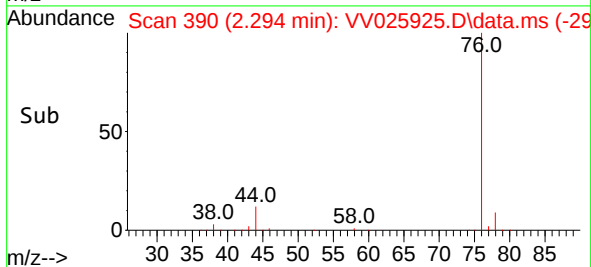
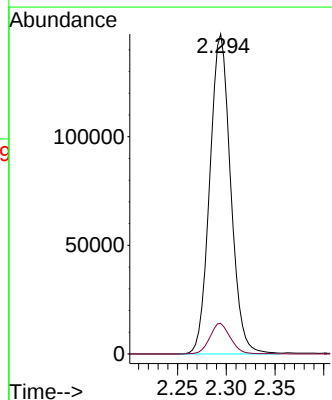
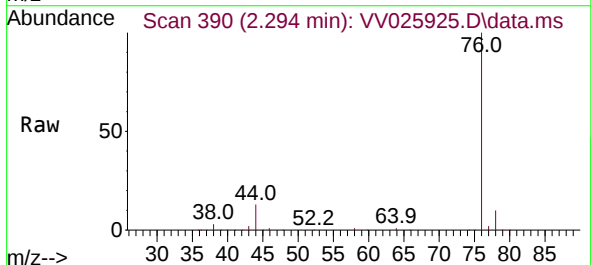
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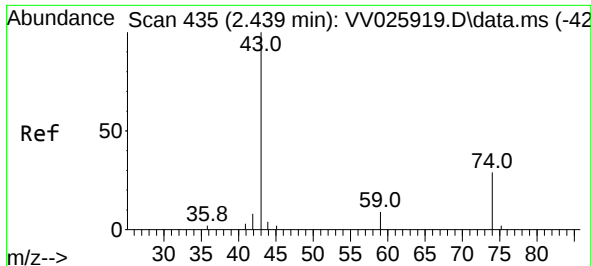
Tgt Ion: 76 Resp: 219300

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.6

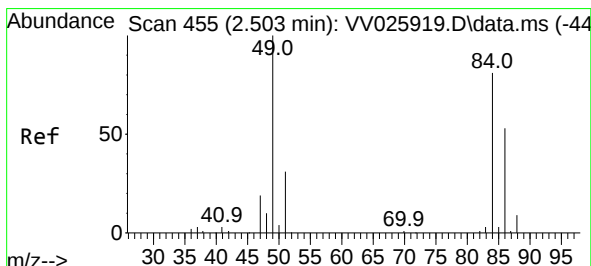
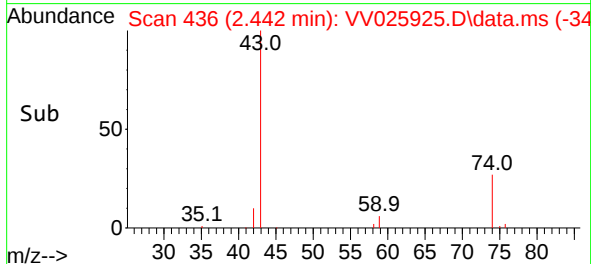
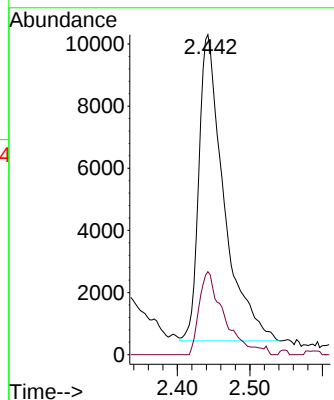
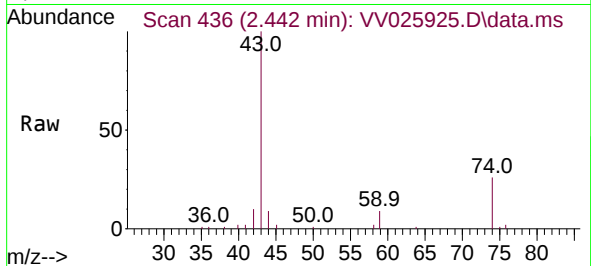




#15
Methyl Acetate
Concen: 6.222 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

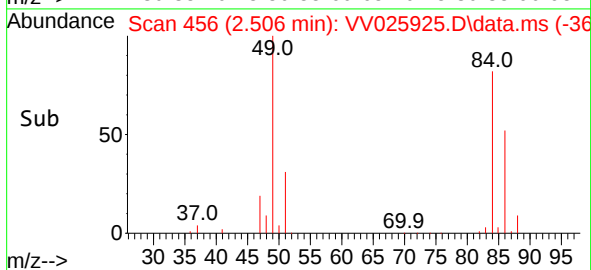
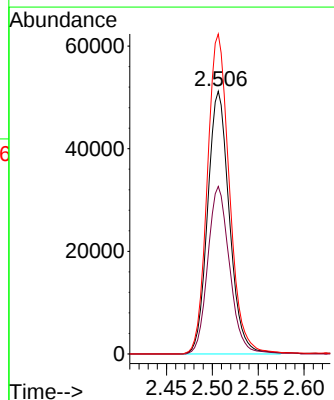
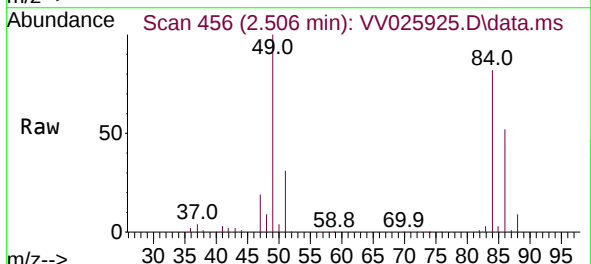
Instrument :
MSVOA_V
ClientSampleId :
VSTD005292

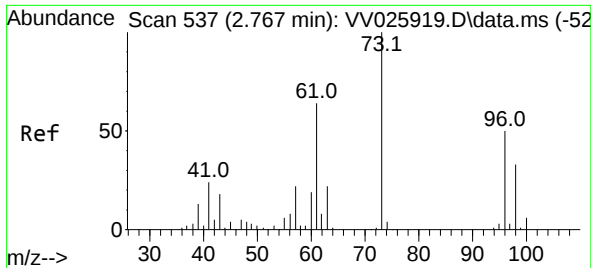
Tgt Ion: 43 Resp: 23648
Ion Ratio Lower Upper
43 100
74 27.3 23.3 34.9



#16
Methylene chloride
Concen: 4.774 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

Tgt Ion: 84 Resp: 84276
Ion Ratio Lower Upper
84 100
86 63.8 45.4 84.2
49 121.8 85.6 159.0

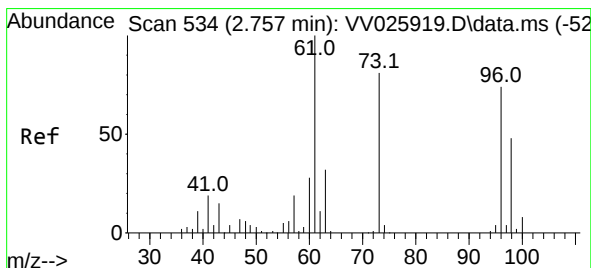
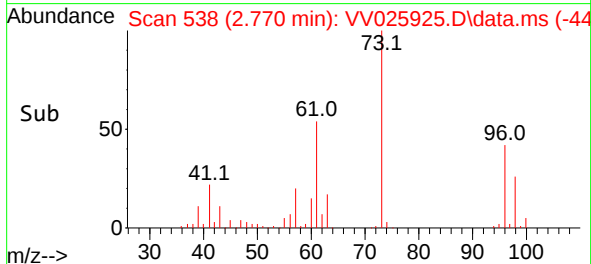
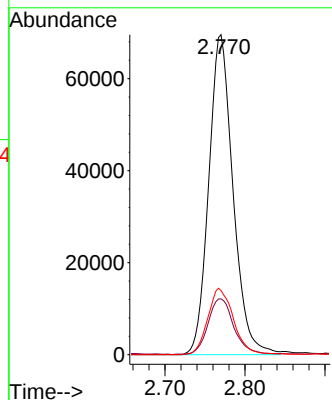
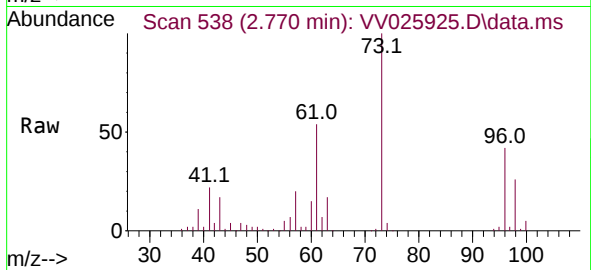




#17
Methyl tert-butyl Ether
Concen: 5.295 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

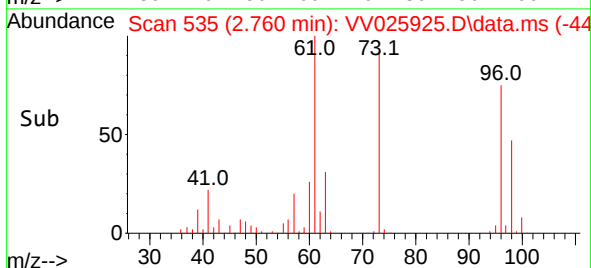
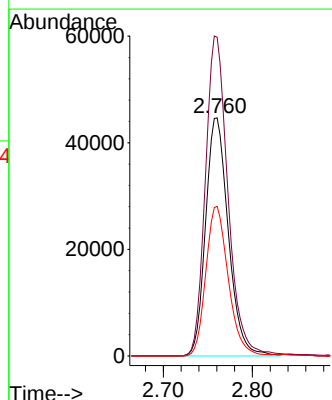
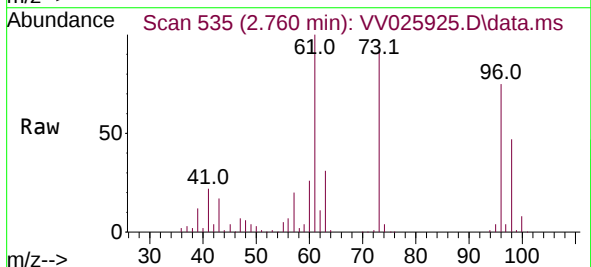
Instrument :
MSVOA_V
ClientSampleId :
VSTD005292

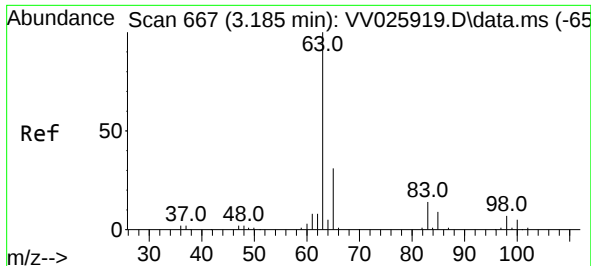
Tgt Ion: 73 Resp: 146916
Ion Ratio Lower Upper
73 100
43 18.9 14.6 22.0
57 22.1 17.9 26.9



#18
trans-1,2-Dichloroethene
Concen: 5.224 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.003 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

Tgt Ion: 96 Resp: 79218
Ion Ratio Lower Upper
96 100
61 133.8 93.6 173.8
98 62.8 42.8 79.4





#19

1,1-Dichloroethane

Concen: 5.330 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV025925.D

Acq: 17 May 2022 14:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD005292

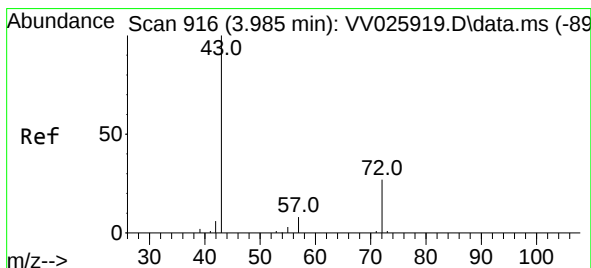
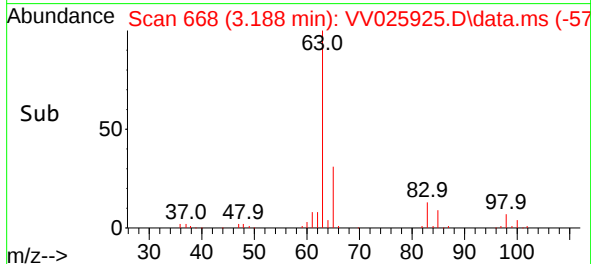
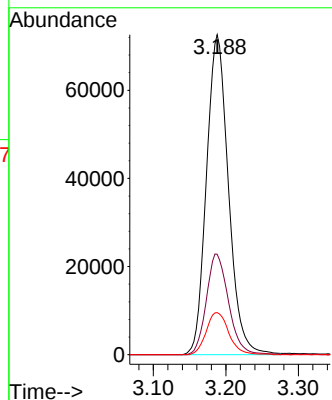
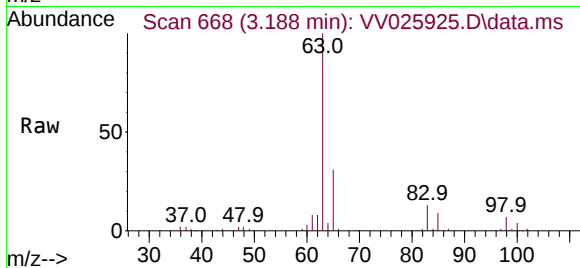
Tgt Ion: 63 Resp: 153020

Ion Ratio Lower Upper

63 100

65 31.4 22.3 41.5

83 13.2 10.0 18.6



#21

2-Butanone

Concen: 61.698 ug/L

RT: 3.979 min Scan# 914

Delta R.T. -0.006 min

Lab File: VV025925.D

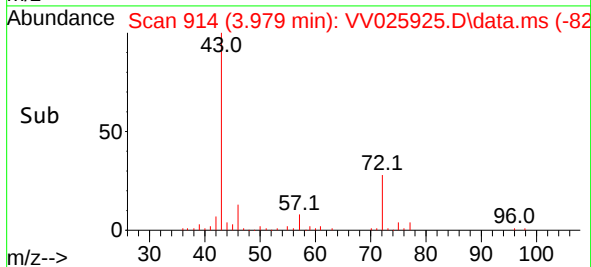
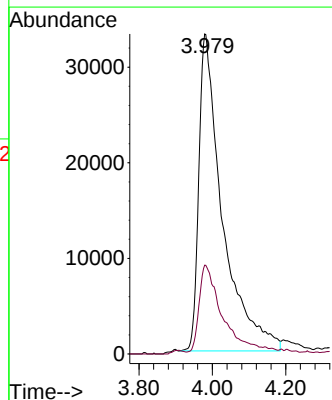
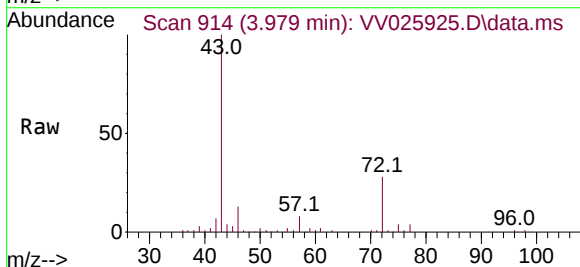
Acq: 17 May 2022 14:49

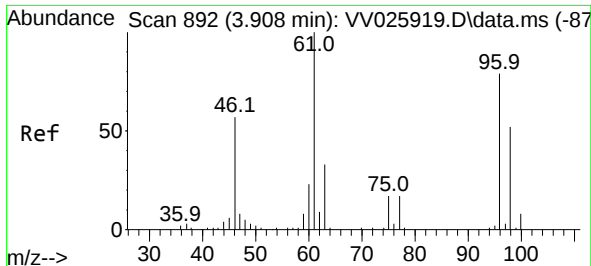
Tgt Ion: 43 Resp: 147820

Ion Ratio Lower Upper

43 100

72 26.4 10.5 31.6





#22

cis-1,2-Dichloroethene

Concen: 5.229 ug/L

RT: 3.908 min Scan# 892

Delta R.T. -0.000 min

Lab File: VV025925.D

Acq: 17 May 2022 14:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD005292

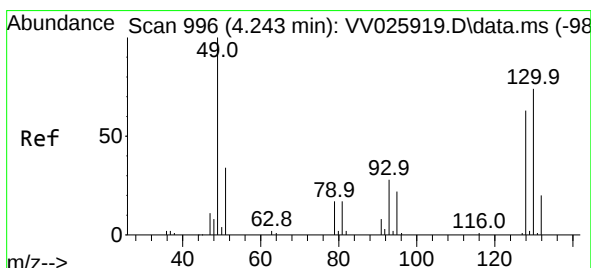
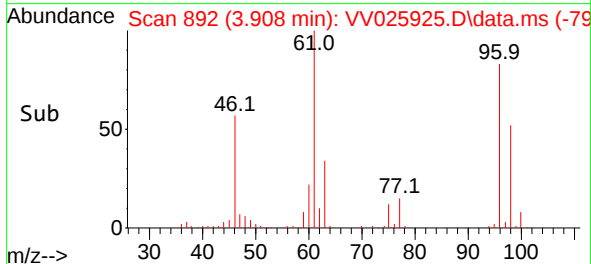
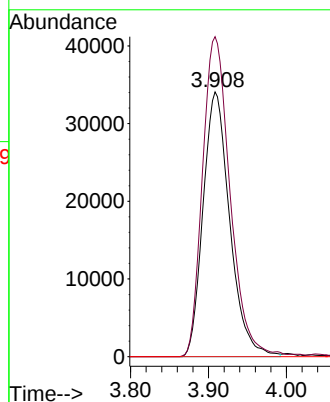
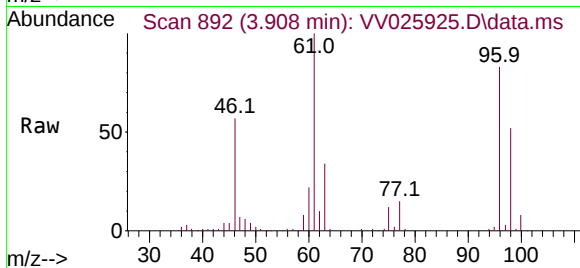
Tgt Ion: 96 Resp: 80996

Ion Ratio Lower Upper

96 100

61 120.9 88.9 165.1

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.387 ug/L

RT: 4.246 min Scan# 997

Delta R.T. 0.003 min

Lab File: VV025925.D

Acq: 17 May 2022 14:49

Tgt Ion: 128 Resp: 35296

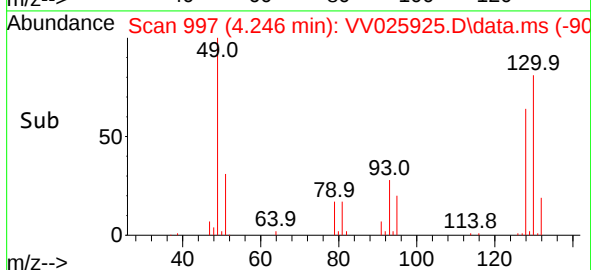
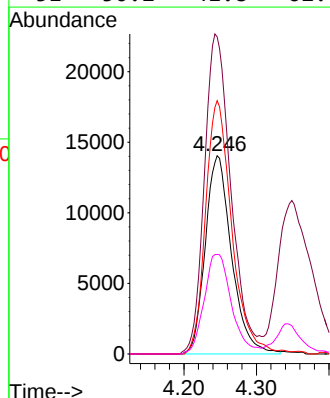
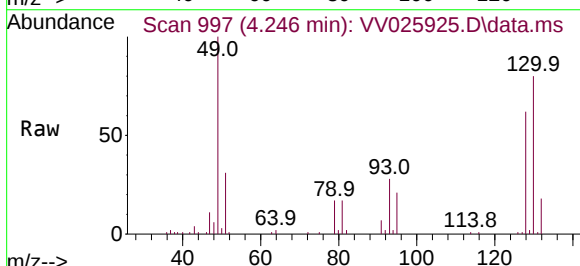
Ion Ratio Lower Upper

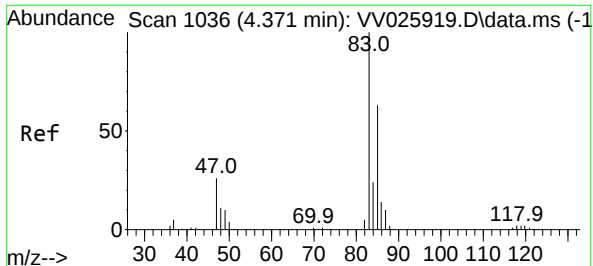
128 100

49 160.0 121.0 224.8

130 127.8 90.8 168.6

51 50.2 41.8 62.6





#25

Chloroform

Concen: 5.336 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VV025925.D

Acq: 17 May 2022 14:49

Instrument :

MSVOA_V

ClientSampleId :

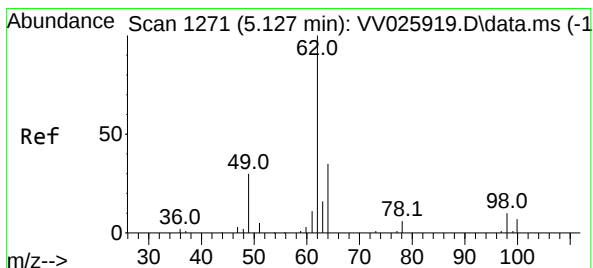
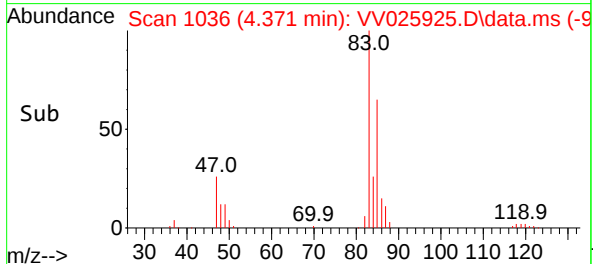
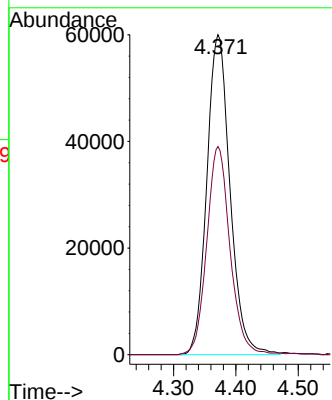
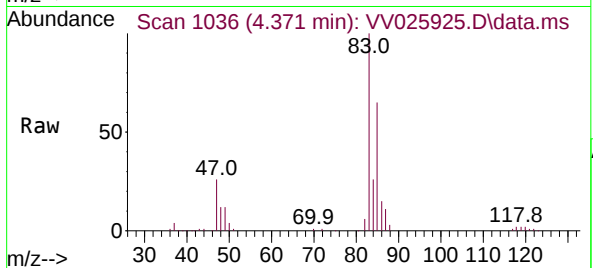
VSTD005292

Tgt Ion: 83 Resp: 155263

Ion Ratio Lower Upper

83 100

85 65.0 46.1 85.7



#27

1,2-Dichloroethane

Concen: 5.410 ug/L

RT: 5.127 min Scan# 1271

Delta R.T. -0.000 min

Lab File: VV025925.D

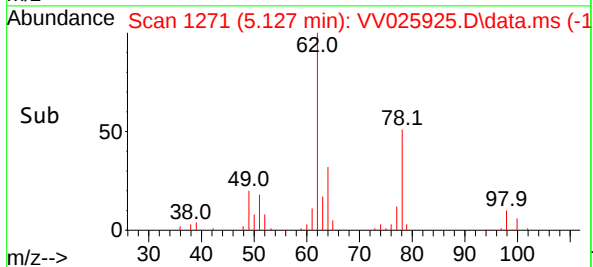
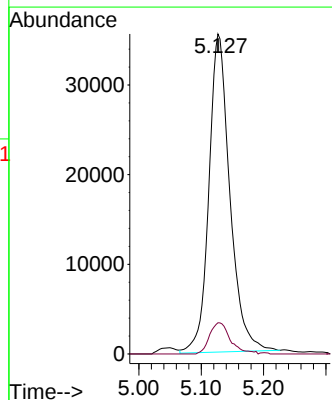
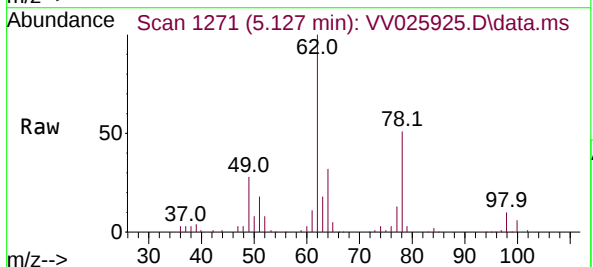
Acq: 17 May 2022 14:49

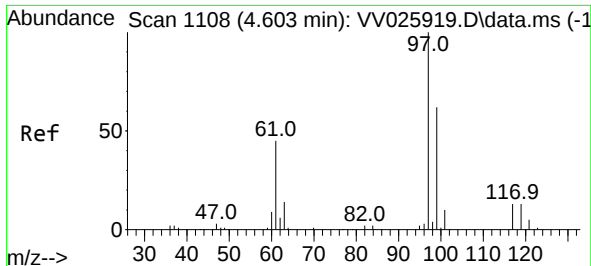
Tgt Ion: 62 Resp: 82978

Ion Ratio Lower Upper

62 100

98 9.7 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 5.426 ug/L

RT: 4.606 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV025925.D

Acq: 17 May 2022 14:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD005292

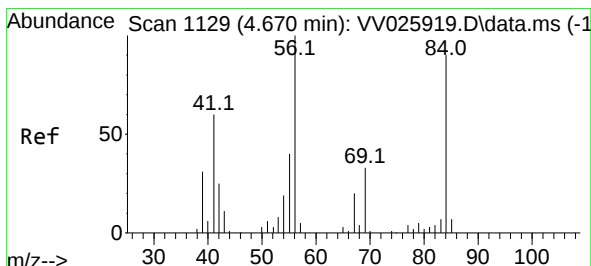
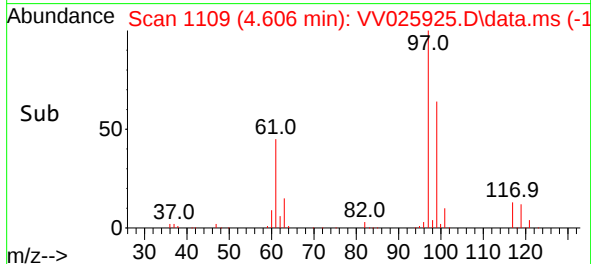
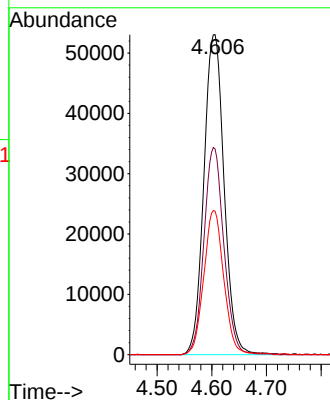
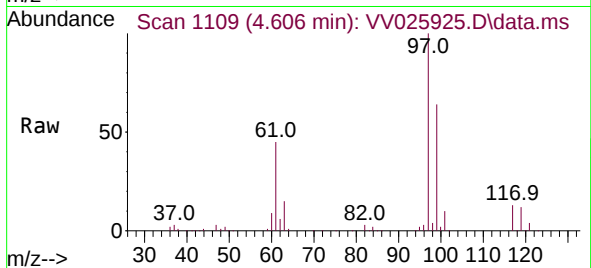
Tgt Ion: 97 Resp: 136377

Ion Ratio Lower Upper

97 100

99 63.5 51.0 76.6

61 44.4 36.3 54.5



#30

Cyclohexane

Concen: 4.875 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. 0.003 min

Lab File: VV025925.D

Acq: 17 May 2022 14:49

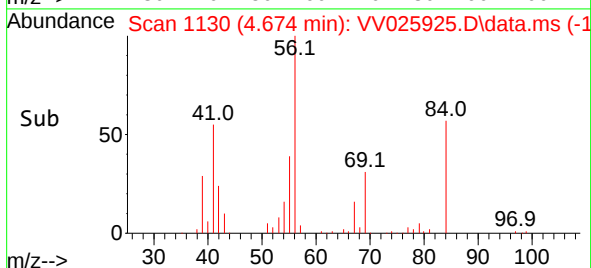
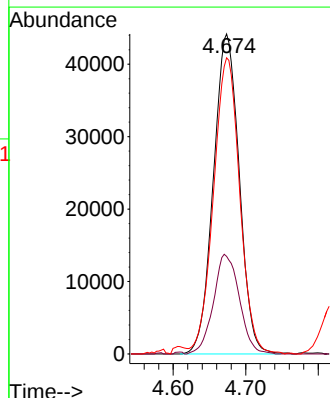
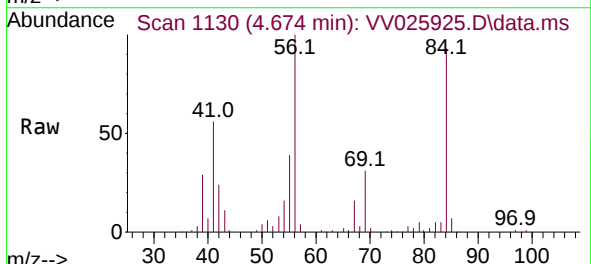
Tgt Ion: 56 Resp: 109115

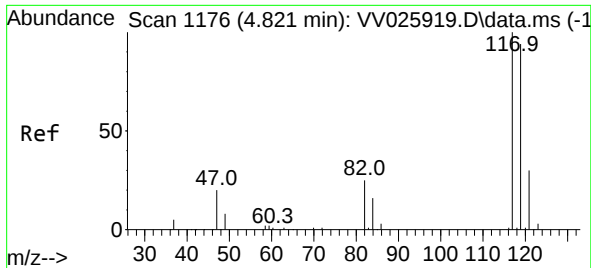
Ion Ratio Lower Upper

56 100

69 31.3 24.6 37.0

84 94.2 75.0 112.4

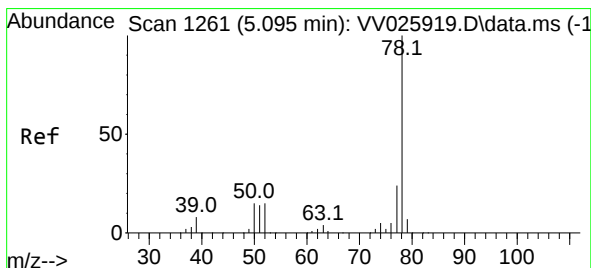
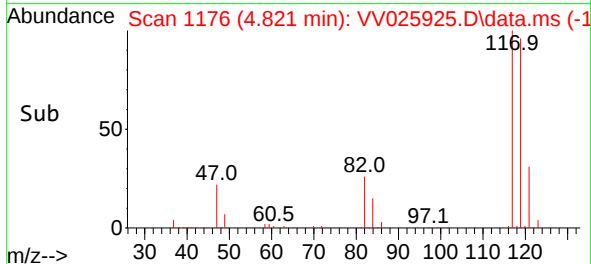
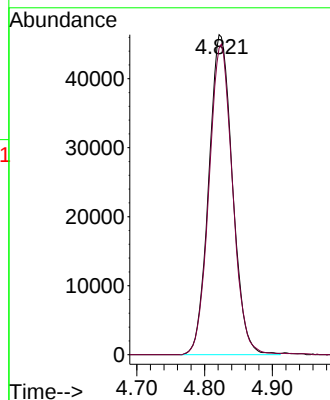
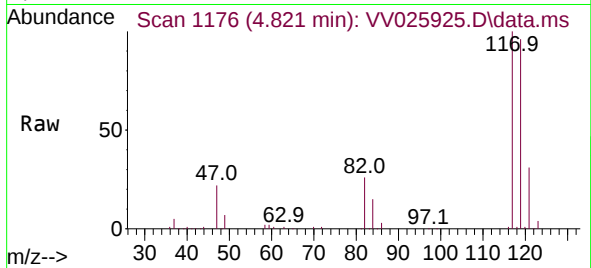




#31
Carbon tetrachloride
Concen: 5.288 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. -0.000 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

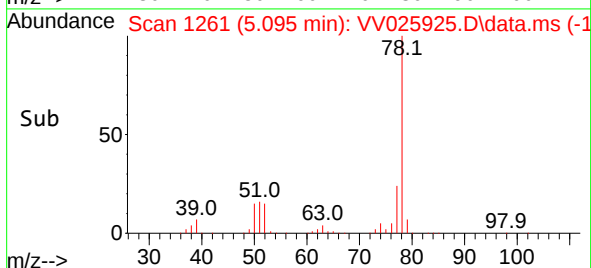
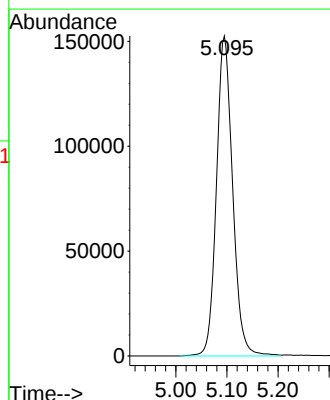
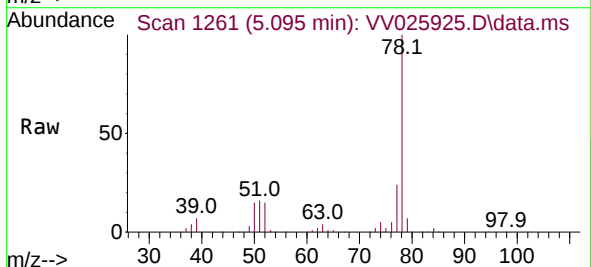
Instrument :
MSVOA_V
ClientSampleId :
VSTD005292

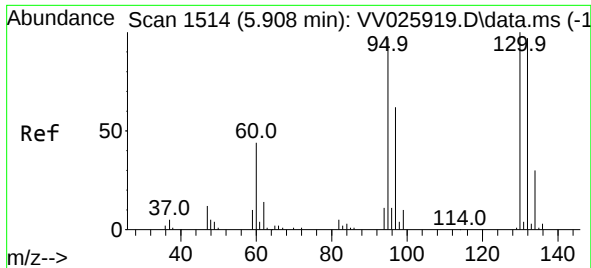
Tgt Ion:117 Resp: 112496
Ion Ratio Lower Upper
117 100
119 96.4 77.0 115.6



#33
Benzene
Concen: 5.387 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

Tgt Ion: 78 Resp: 336325



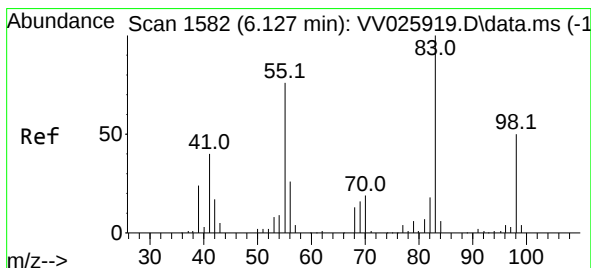
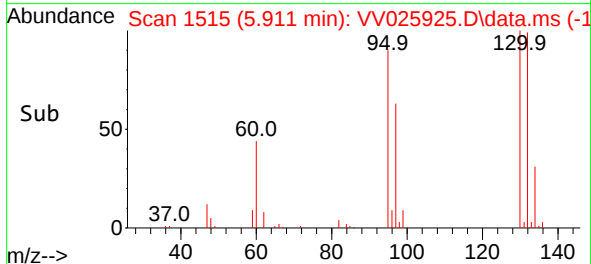
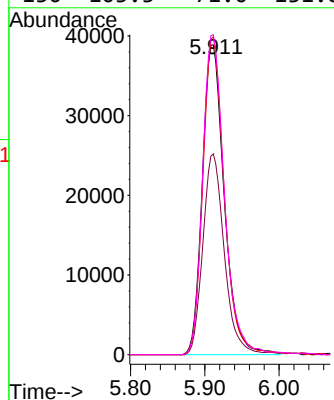
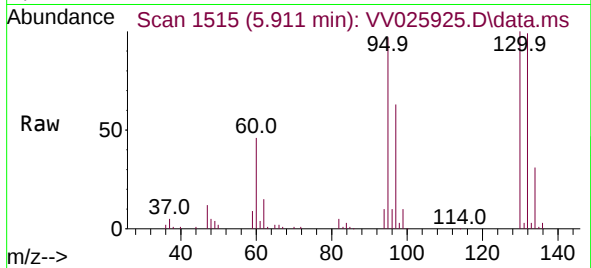


#34
Trichloroethene
Concen: 5.017 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

Instrument :
MSVOA_V
ClientSampleId :
VSTD005292

Tgt Ion: 95 Resp: 79984

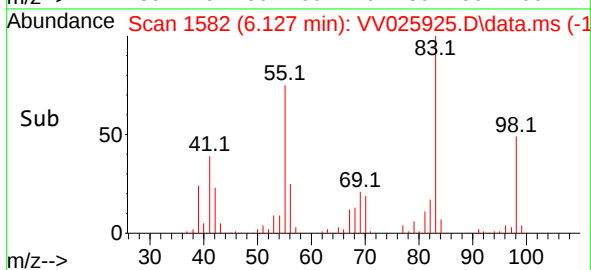
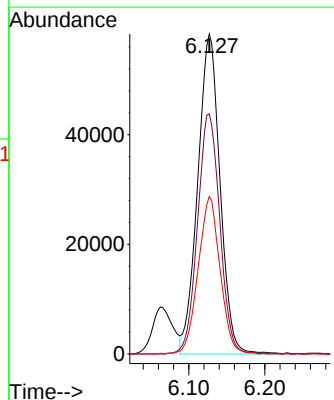
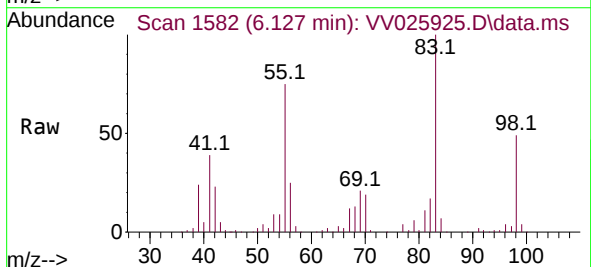
Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.9	83.3
132	102.6	67.6	125.6
130	103.3	71.0	131.8

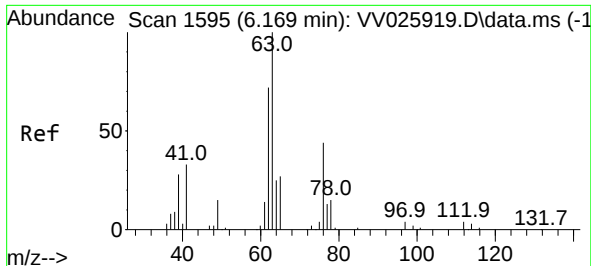


#35
Methylcyclohexane
Concen: 4.856 ug/L
RT: 6.127 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

Tgt Ion: 83 Resp: 118872

Ion	Ratio	Lower	Upper
83	100		
55	74.8	60.1	90.1
98	48.4	40.6	61.0





#37

1,2-Dichloropropane

Concen: 5.505 ug/L

RT: 6.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV025925.D

Acq: 17 May 2022 14:49

Instrument :

MSVOA_V

ClientSampleId :

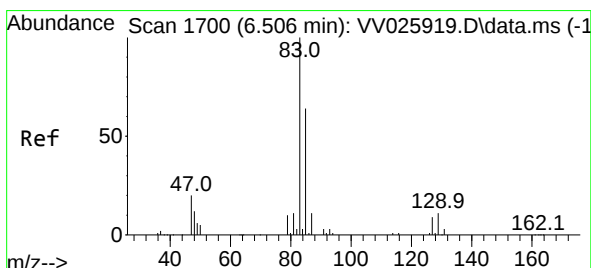
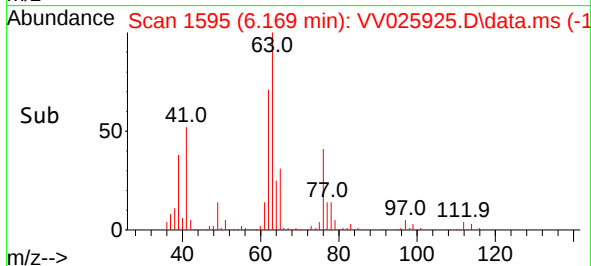
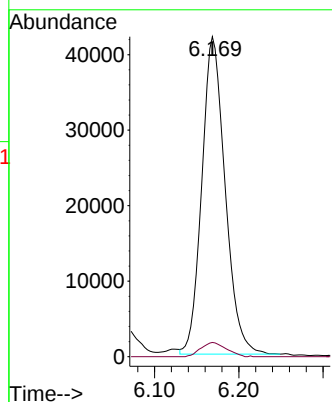
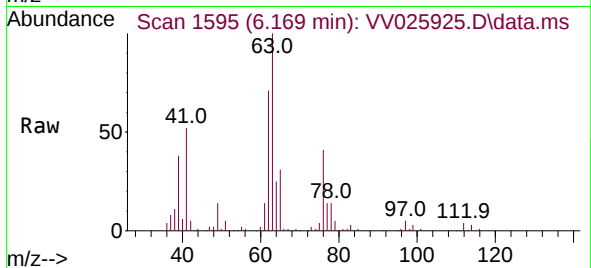
VSTD005292

Tgt Ion: 63 Resp: 81059

Ion Ratio Lower Upper

63 100

112 4.9 3.9 5.9



#38

Bromodichloromethane

Concen: 5.335 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VV025925.D

Acq: 17 May 2022 14:49

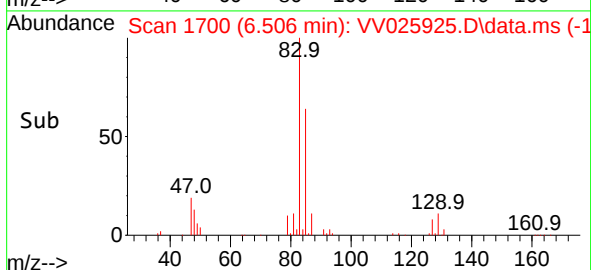
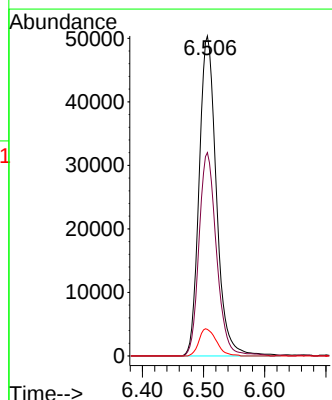
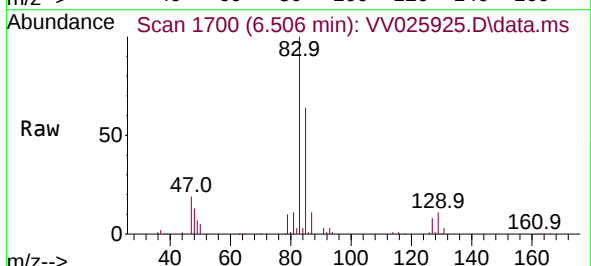
Tgt Ion: 83 Resp: 98740

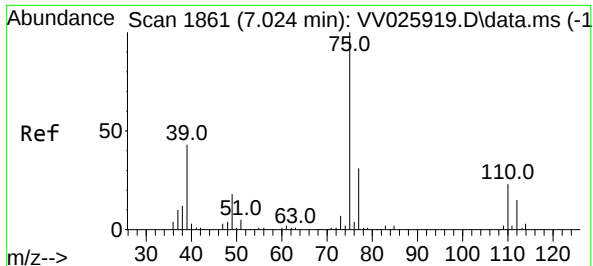
Ion Ratio Lower Upper

83 100

85 63.5 46.1 85.5

127 8.3 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.542 ug/L

RT: 7.024 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV025925.D

Acq: 17 May 2022 14:49

Instrument :

MSVOA_V

ClientSampleId :

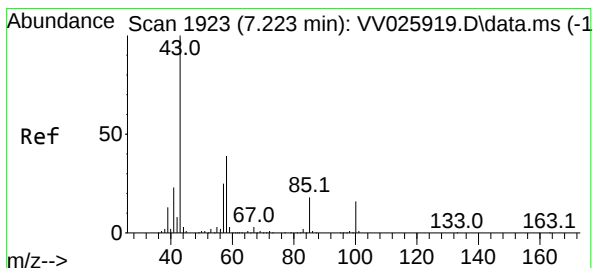
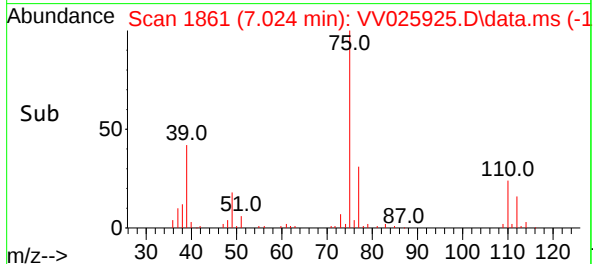
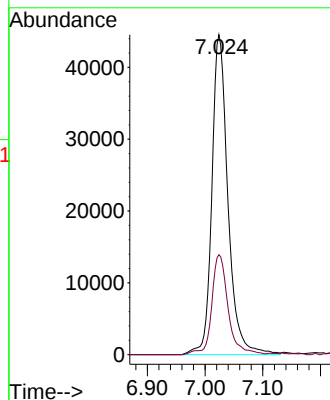
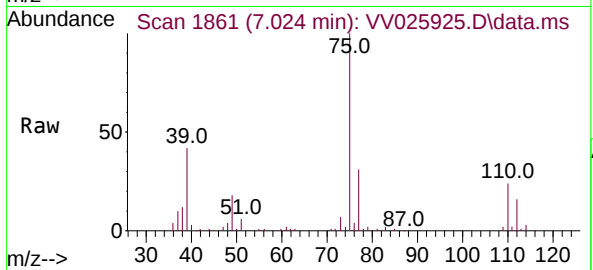
VSTD005292

Tgt Ion: 75 Resp: 86340

Ion Ratio Lower Upper

75 100

77 31.2 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 55.427 ug/L

RT: 7.223 min Scan# 1923

Delta R.T. -0.000 min

Lab File: VV025925.D

Acq: 17 May 2022 14:49

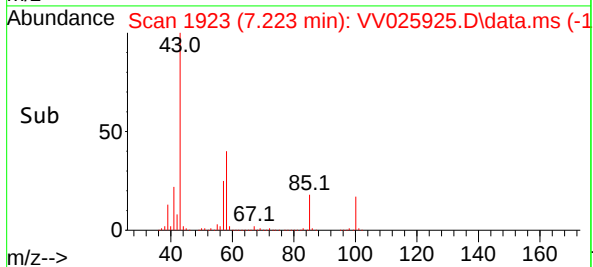
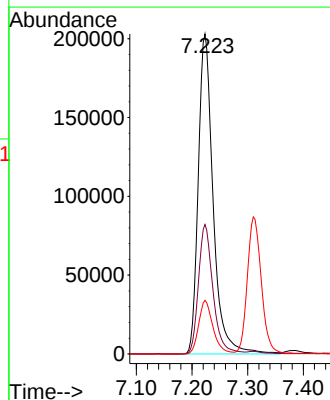
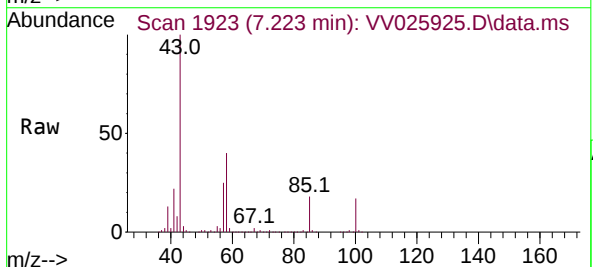
Tgt Ion: 43 Resp: 377526

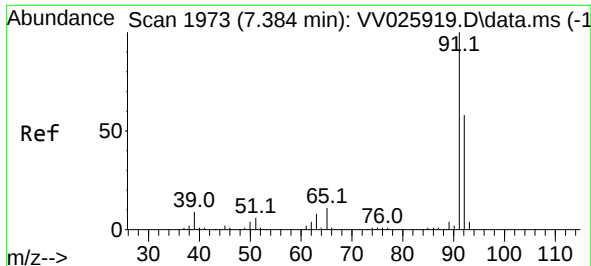
Ion Ratio Lower Upper

43 100

58 39.5 31.6 47.4

100 16.1 12.2 18.4





#42

Toluene

Concen: 5.526 ug/L

RT: 7.384 min Scan# 1973

Delta R.T. -0.000 min

Lab File: VV025925.D

Acq: 17 May 2022 14:49

Instrument :

MSVOA_V

ClientSampleId :

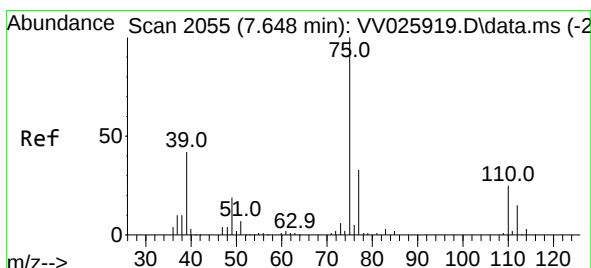
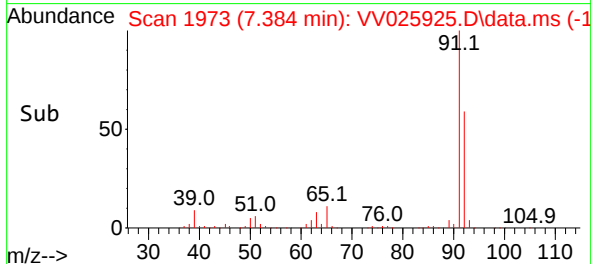
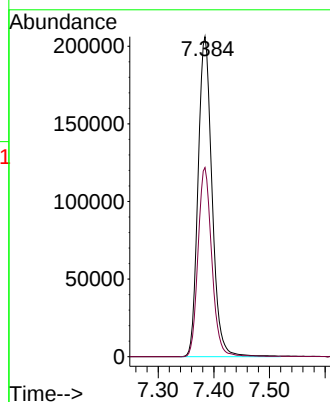
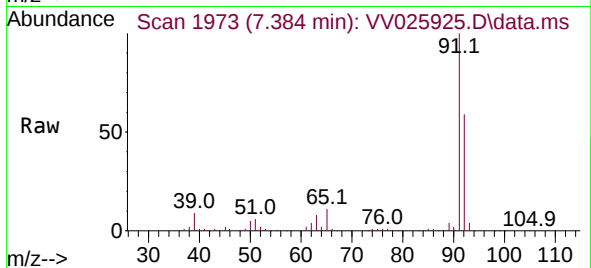
VSTD005292

Tgt Ion: 91 Resp: 359113

Ion Ratio Lower Upper

91 100

92 59.1 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 4.415 ug/L

RT: 7.648 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VV025925.D

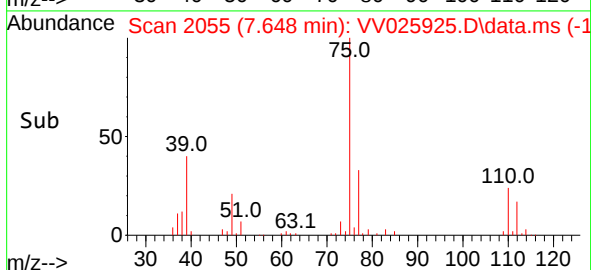
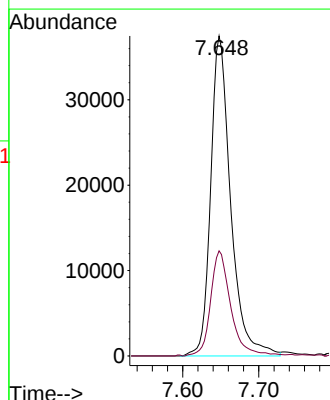
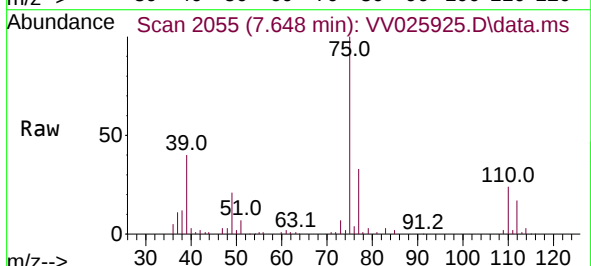
Acq: 17 May 2022 14:49

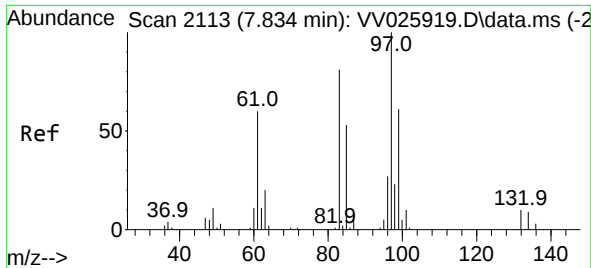
Tgt Ion: 75 Resp: 68454

Ion Ratio Lower Upper

75 100

77 32.8 23.1 42.9

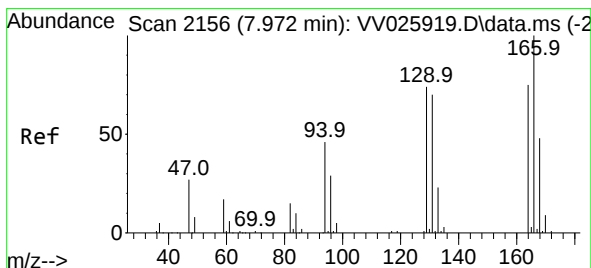
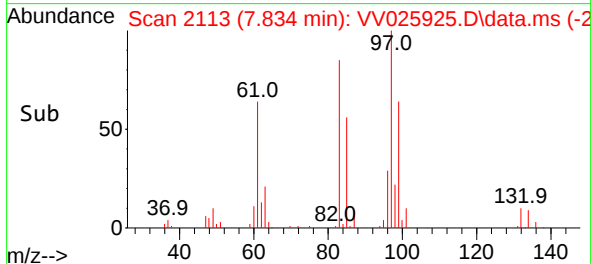
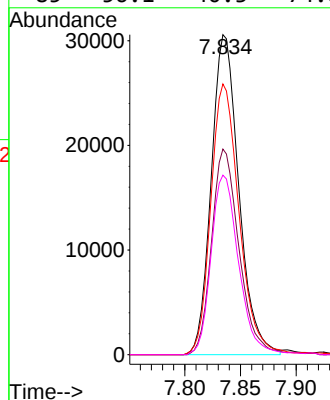
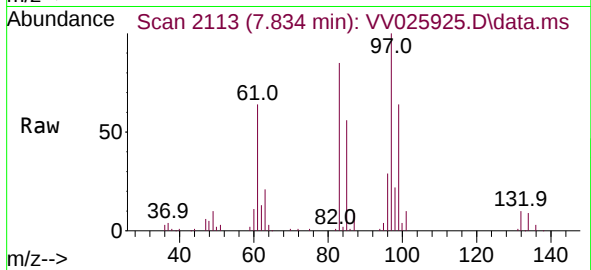




#45
1,1,2-Trichloroethane
Concen: 5.207 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

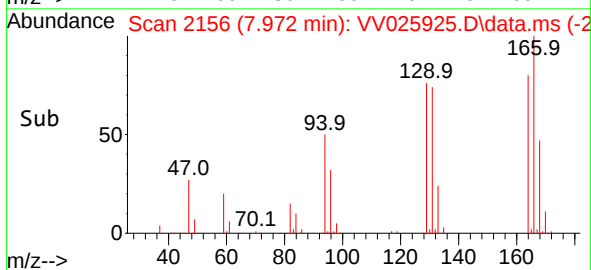
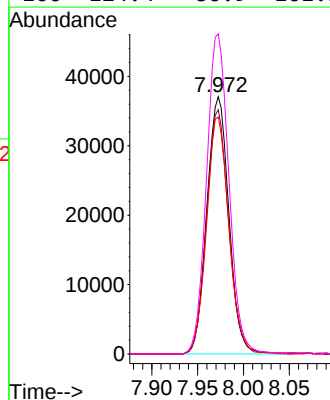
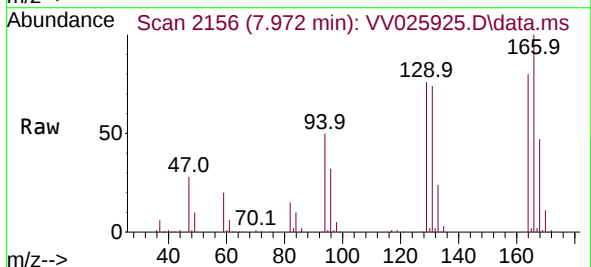
Instrument :
MSVOA_V
ClientSampleId :
VSTD005292

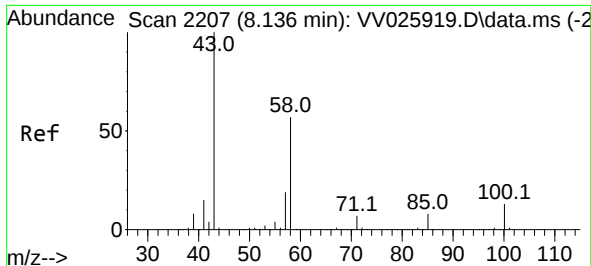
Tgt Ion:	97	Resp:	52635
Ion	Ratio	Lower	Upper
97	100		
99	64.3	44.8	83.2
83	84.6	65.7	121.9
85	56.1	40.3	74.8



#47
Tetrachloroethene
Concen: 5.024 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. -0.000 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

Tgt Ion:	164	Resp:	62063
Ion	Ratio	Lower	Upper
164	100		
129	94.9	67.5	125.4
131	92.1	63.8	118.4
166	124.4	86.9	161.3

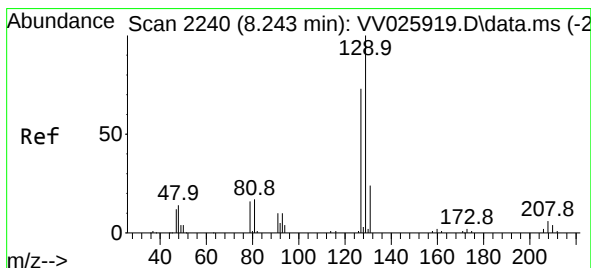
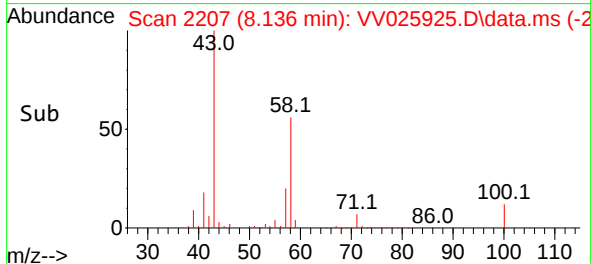
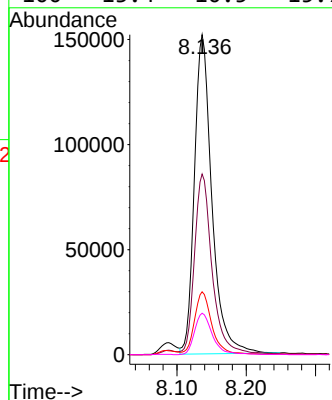
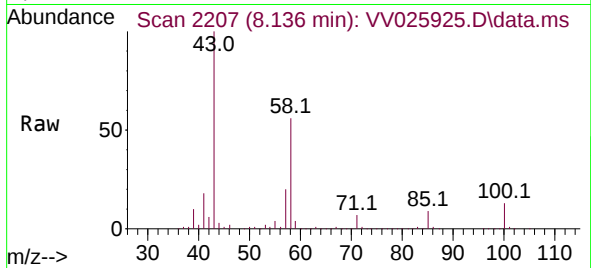




#48
2-Hexanone
Concen: 55.628 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

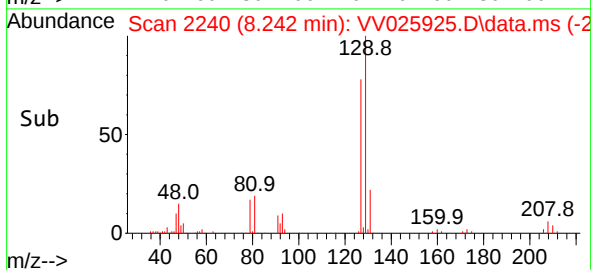
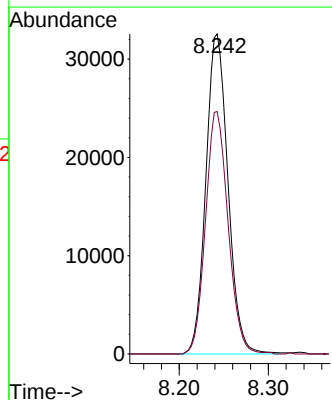
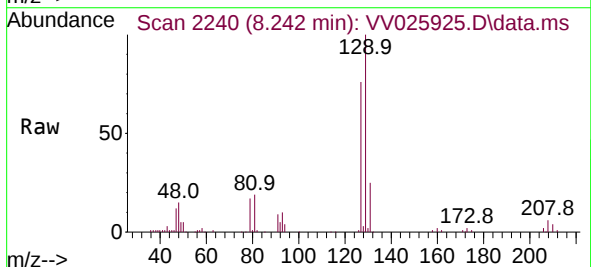
Instrument :
MSVOA_V
ClientSampleId :
VSTD005292

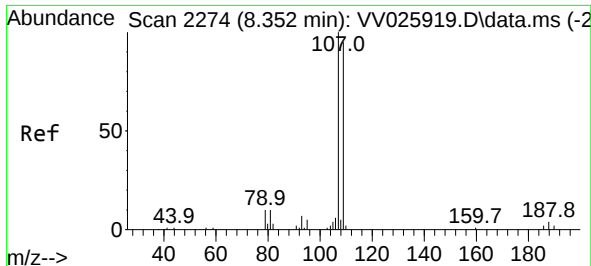
Tgt Ion: 43 Resp: 267856
Ion Ratio Lower Upper
43 100
58 57.1 44.7 67.1
57 19.5 14.9 22.3
100 13.4 10.5 15.7



#49
Dibromochloromethane
Concen: 5.070 ug/L
RT: 8.242 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

Tgt Ion: 129 Resp: 56001
Ion Ratio Lower Upper
129 100
127 75.7 54.5 101.1





#50

1,2-Dibromoethane

Concen: 5.294 ug/L

RT: 8.349 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV025925.D

Acq: 17 May 2022 14:49

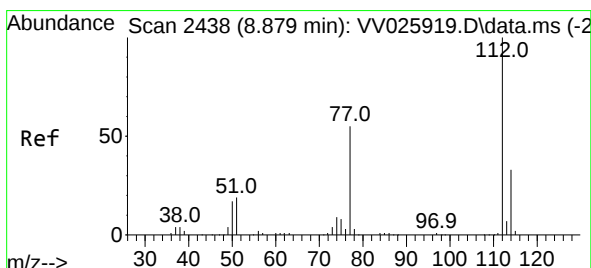
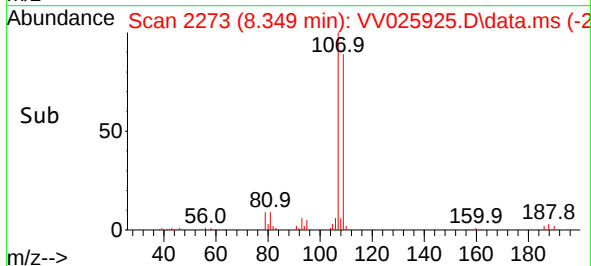
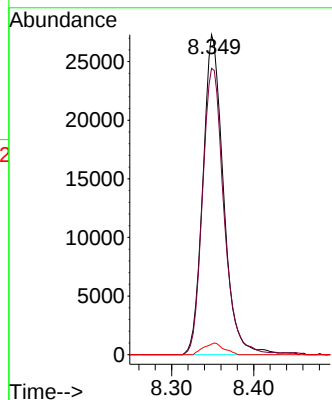
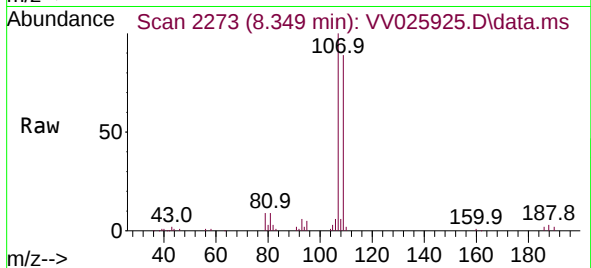
Instrument :

MSVOA_V

ClientSampleId :

VSTD005292

Tgt Ion:	107	Resp:	47577
Ion	Ratio	Lower	Upper
107	100		
109	89.5	68.1	126.5
188	3.3	2.7	4.1



#51

Chlorobenzene

Concen: 5.227 ug/L

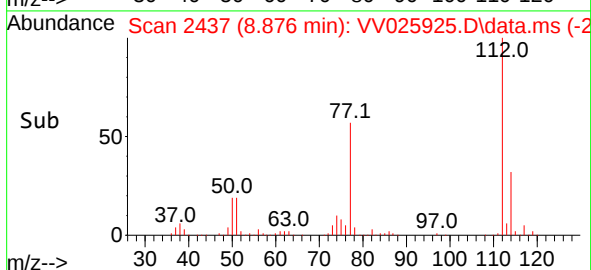
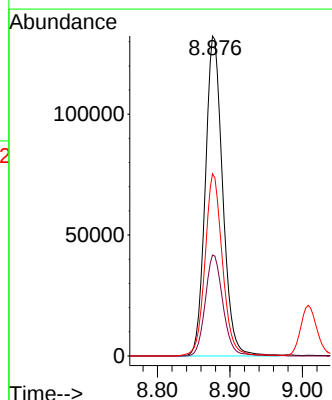
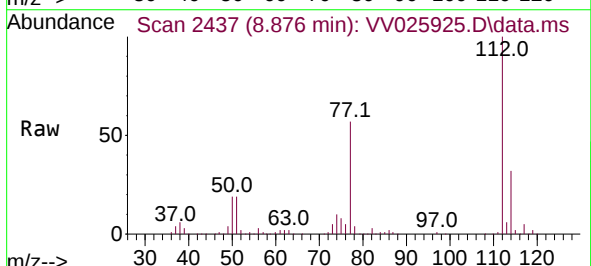
RT: 8.876 min Scan# 2437

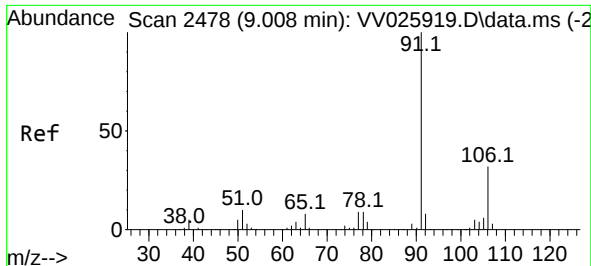
Delta R.T. -0.003 min

Lab File: VV025925.D

Acq: 17 May 2022 14:49

Tgt Ion:	112	Resp:	220305
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.3	41.3
77	57.0	45.3	67.9





#52

Ethylbenzene

Concen: 5.244 ug/L

RT: 9.008 min Scan# 2478

Delta R.T. -0.000 min

Lab File: VV025925.D

Acq: 17 May 2022 14:49

Instrument :

MSVOA_V

ClientSampleId :

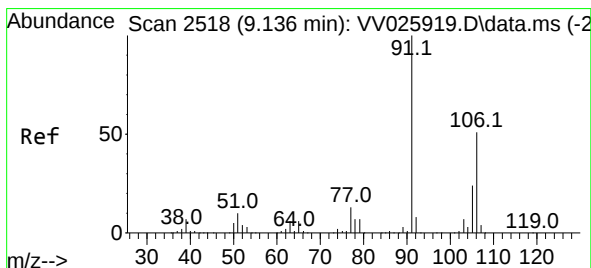
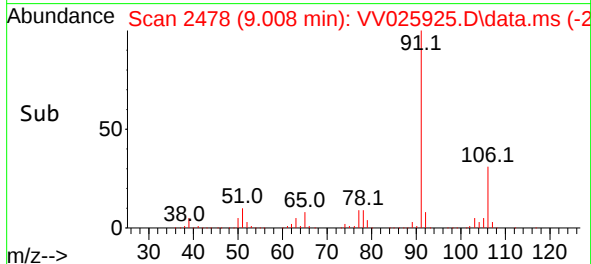
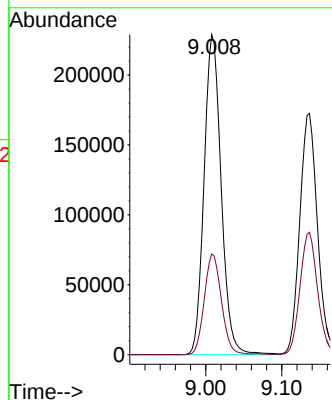
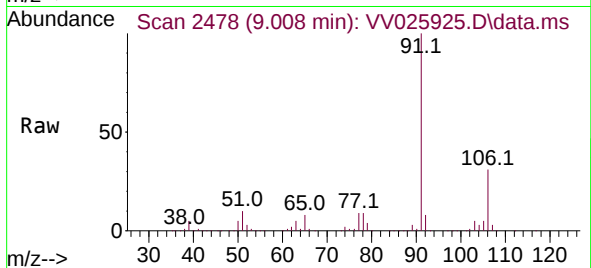
VSTD005292

Tgt Ion: 91 Resp: 358428

Ion Ratio Lower Upper

91 100

106 31.5 21.6 40.0



#53

m,p-Xylene

Concen: 5.375 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. -0.000 min

Lab File: VV025925.D

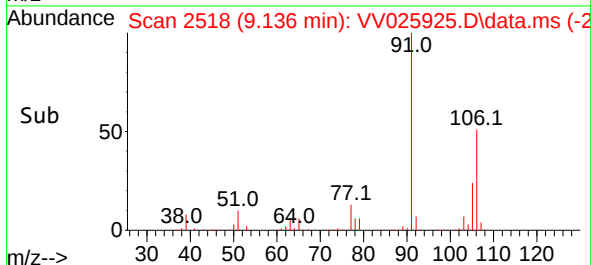
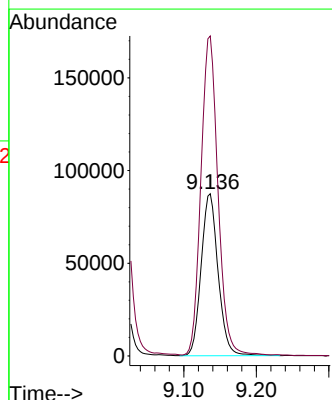
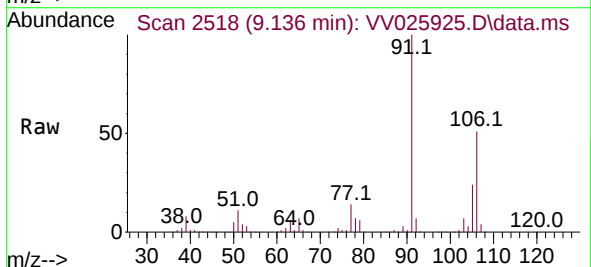
Acq: 17 May 2022 14:49

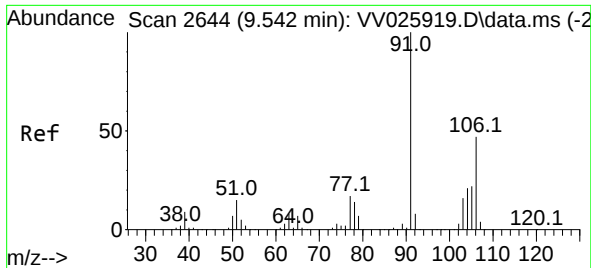
Tgt Ion: 106 Resp: 141870

Ion Ratio Lower Upper

106 100

91 197.3 135.3 251.3

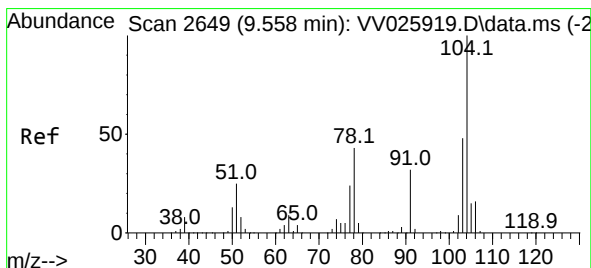
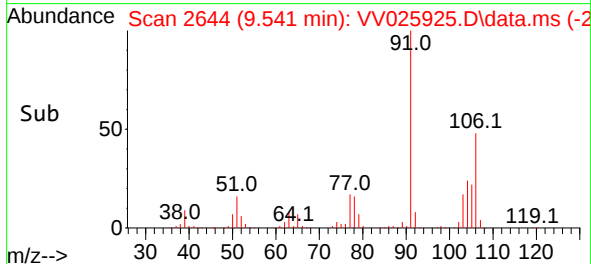
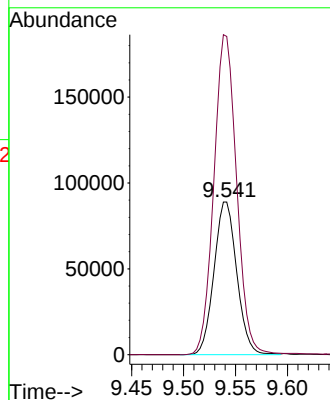
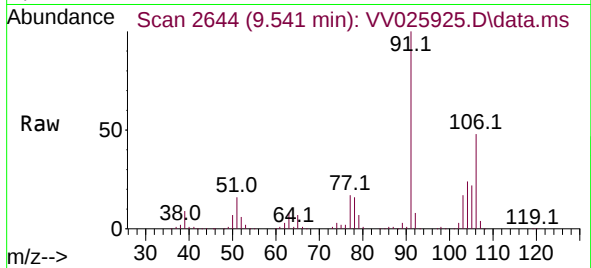




#54
o-Xylene
Concen: 5.397 ug/L
RT: 9.541 min Scan# 2644
Delta R.T. -0.000 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

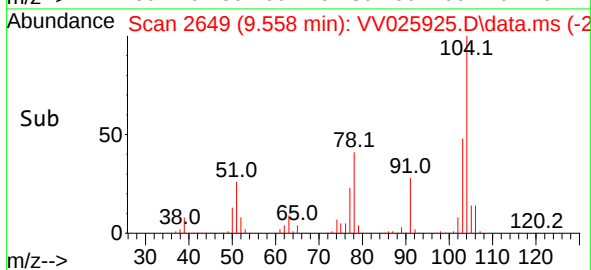
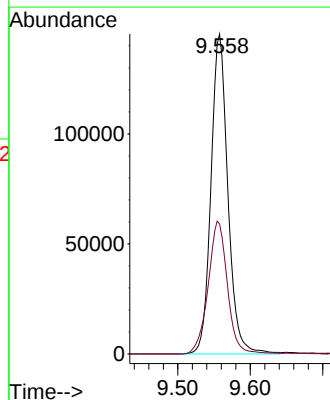
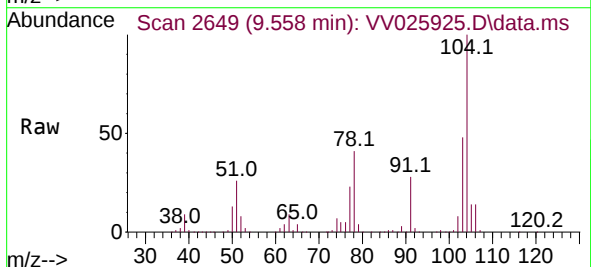
Instrument : MSVOA_V
ClientSampleId : VSTD005292

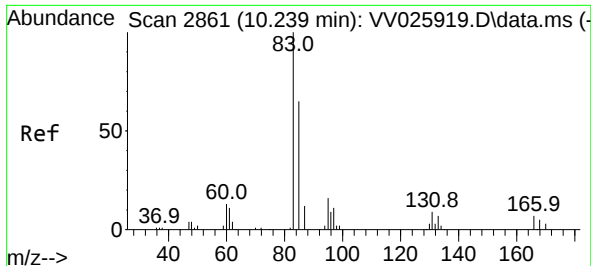
Tgt Ion:106 Resp: 135670
Ion Ratio Lower Upper
106 100
91 208.4 145.1 269.5



#55
Styrene
Concen: 5.579 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.000 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

Tgt Ion:104 Resp: 235644
Ion Ratio Lower Upper
104 100
78 40.6 30.0 55.8

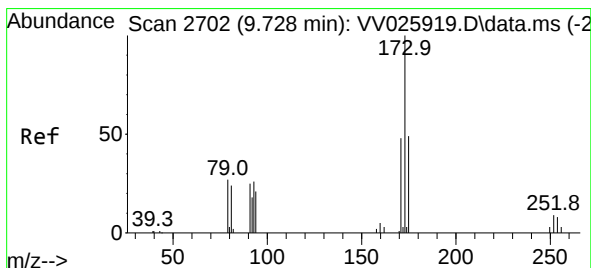
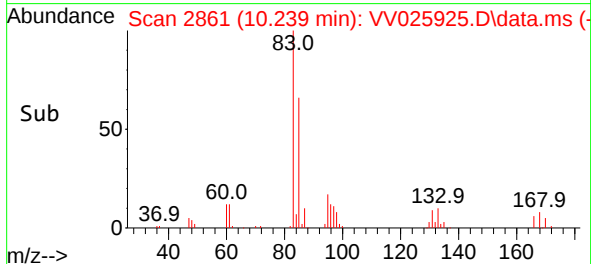
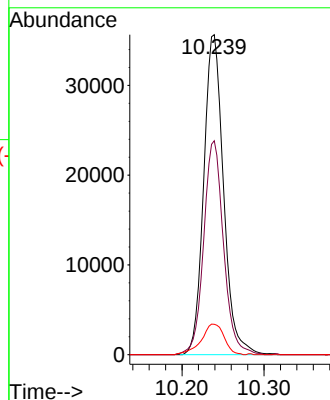
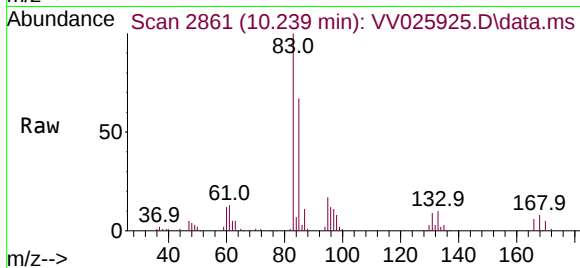




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.472 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV025925.D
 Acq: 17 May 2022 14:49

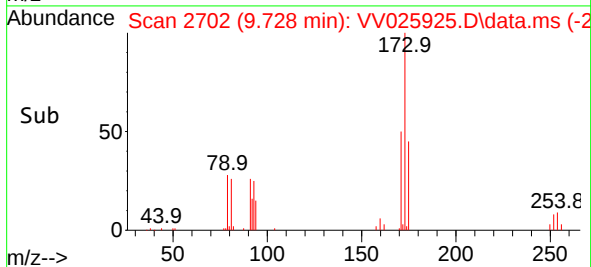
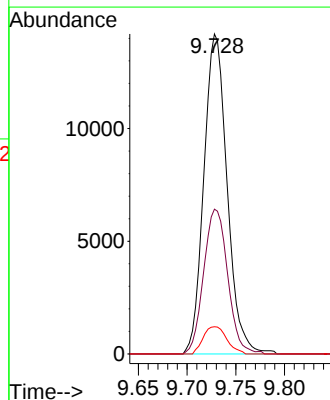
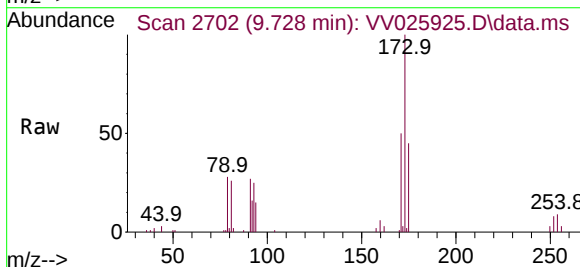
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005292

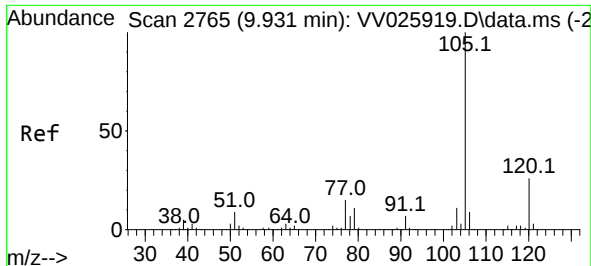
Tgt Ion: 83 Resp: 59763
 Ion Ratio Lower Upper
 83 100
 85 66.9 44.5 82.7
 131 9.5 6.7 10.1



#59
 Bromoform
 Concen: 4.389 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV025925.D
 Acq: 17 May 2022 14:49

Tgt Ion: 173 Resp: 23604
 Ion Ratio Lower Upper
 173 100
 175 46.8 39.4 59.2
 254 8.6 7.0 10.6

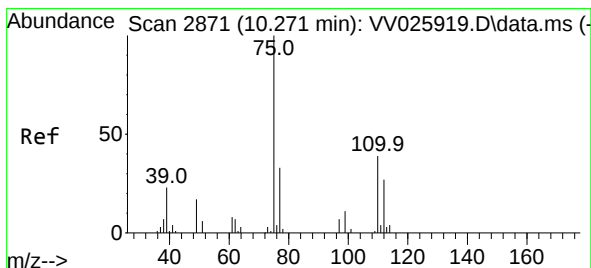
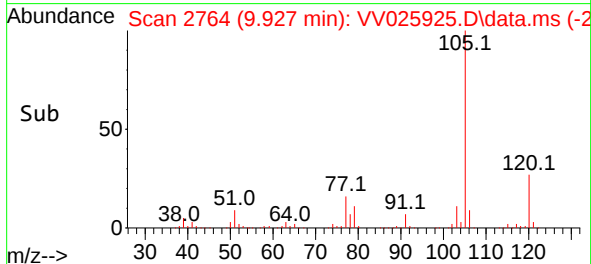
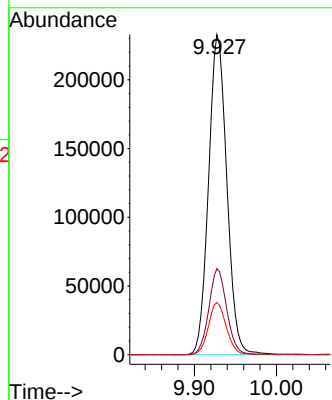
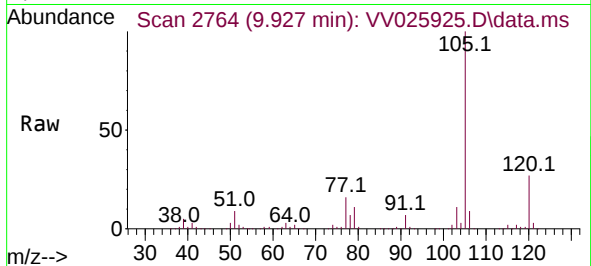




#60
Isopropylbenzene
Concen: 5.192 ug/L
RT: 9.927 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

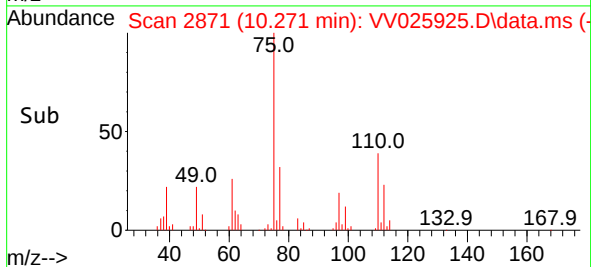
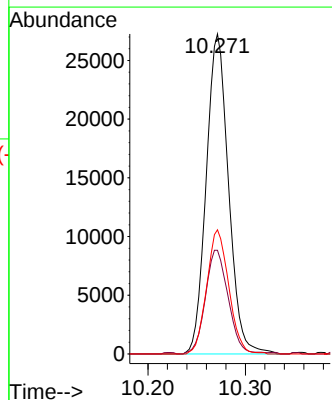
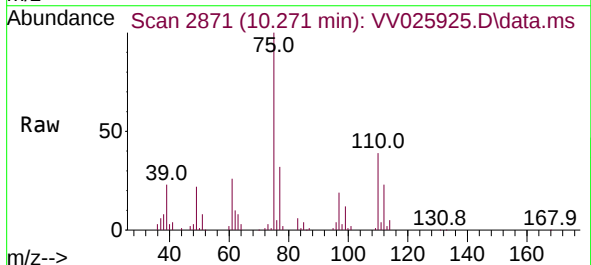
Instrument :
MSVOA_V
ClientSampleId :
VSTD005292

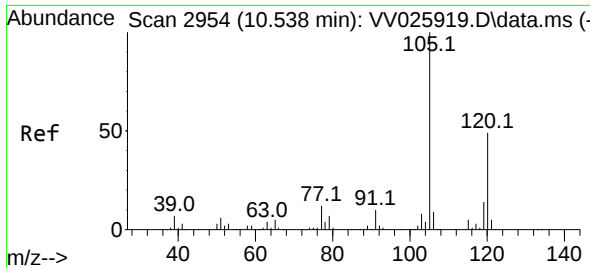
Tgt Ion:105 Resp: 359784
Ion Ratio Lower Upper
105 100
120 26.4 20.7 31.1
77 16.0 12.5 18.7



#61
1,2,3-Trichloropropane
Concen: 5.020 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

Tgt Ion: 75 Resp: 43332
Ion Ratio Lower Upper
75 100
77 33.2 26.2 39.2
110 38.4 32.4 48.6

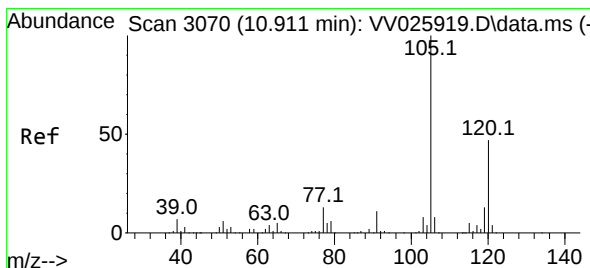
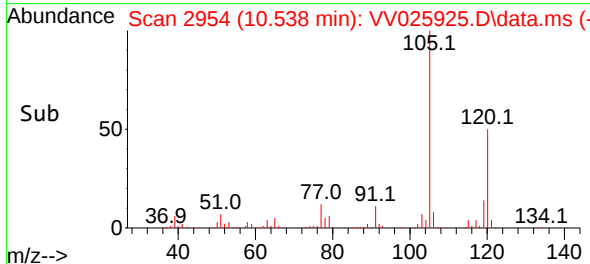
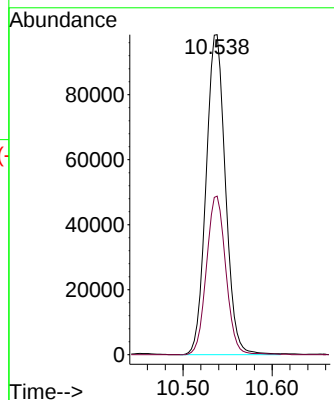
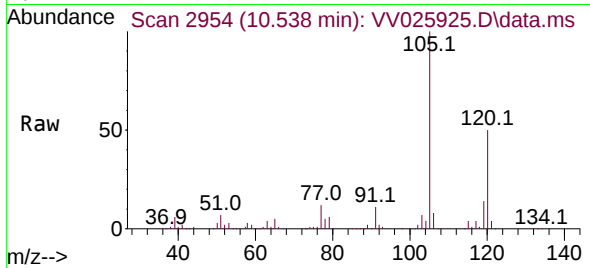




#62
1,3,5-Trimethylbenzene
Concen: 5.020 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

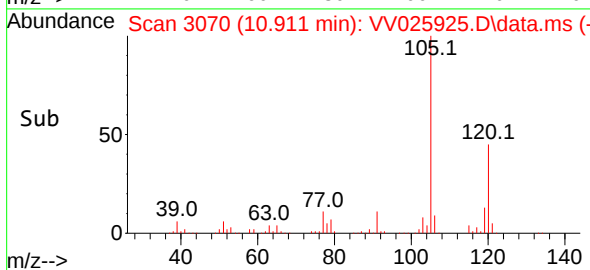
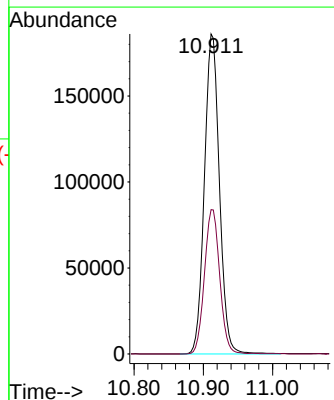
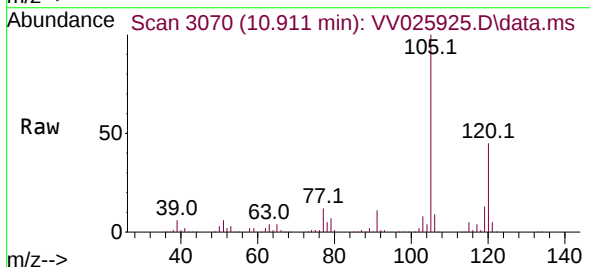
Instrument :
MSVOA_V
ClientSampleId :
VSTD005292

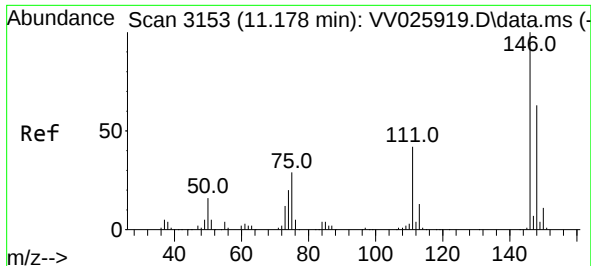
Tgt Ion:105 Resp: 148576
Ion Ratio Lower Upper
105 100
120 49.5 40.4 60.6



#63
1,2,4-Trimethylbenzene
Concen: 5.152 ug/L
RT: 10.911 min Scan# 3070
Delta R.T. -0.000 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

Tgt Ion:105 Resp: 279567
Ion Ratio Lower Upper
105 100
120 45.8 36.8 55.2

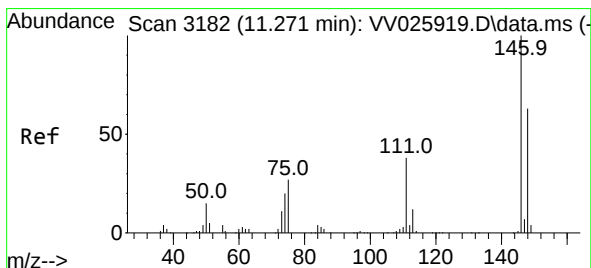
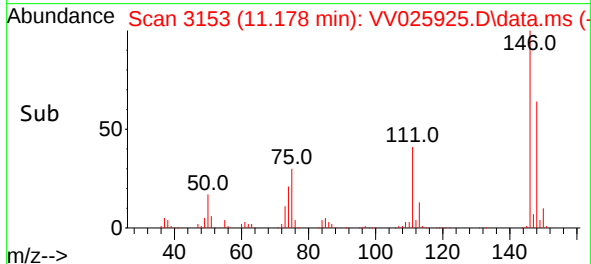
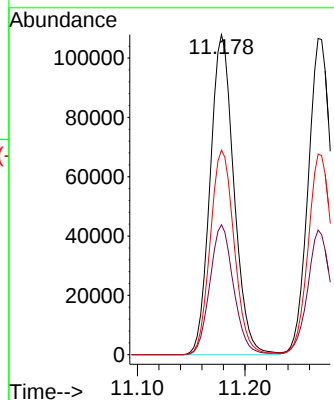
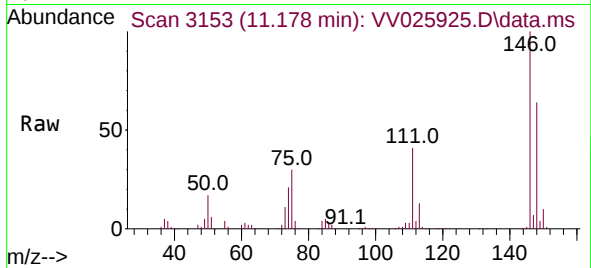




#64
1,3-Dichlorobenzene
Concen: 5.055 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

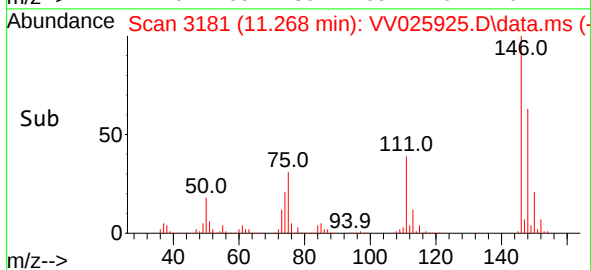
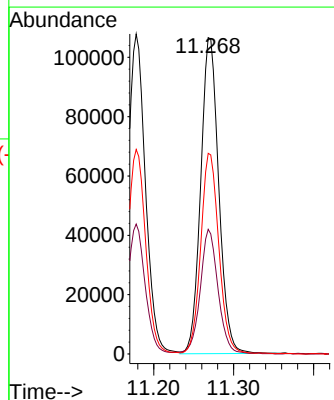
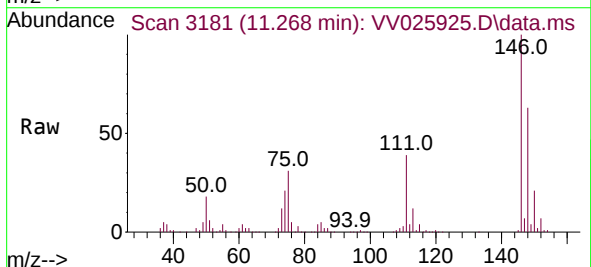
Instrument :
MSVOA_V
ClientSampleId :
VSTD005292

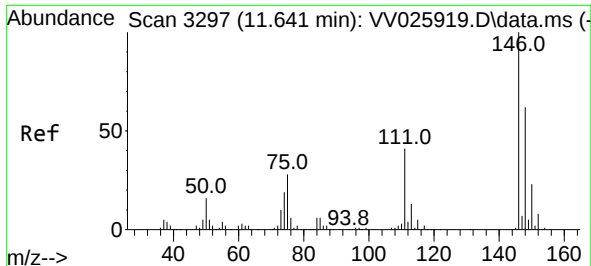
Tgt Ion:146 Resp: 165758
Ion Ratio Lower Upper
146 100
111 40.6 28.2 52.4
148 63.9 42.6 79.0



#65
1,4-Dichlorobenzene
Concen: 5.017 ug/L
RT: 11.268 min Scan# 3181
Delta R.T. -0.003 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

Tgt Ion:146 Resp: 167474
Ion Ratio Lower Upper
146 100
111 39.4 27.5 51.1
148 63.4 44.7 82.9

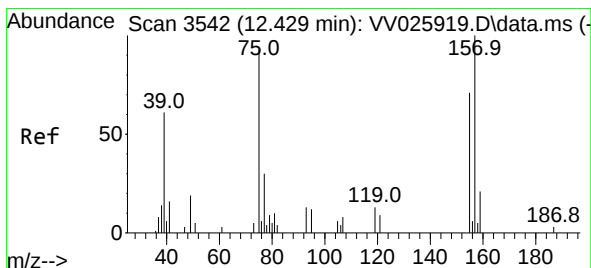
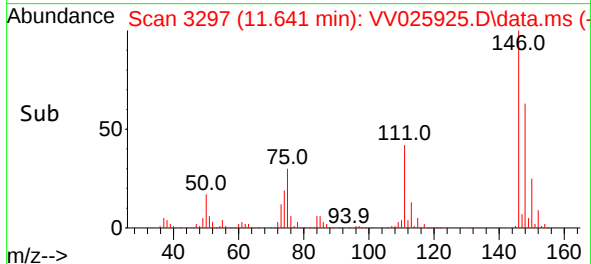
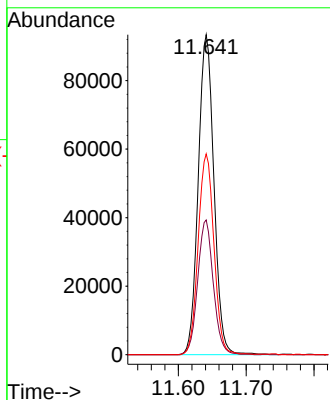
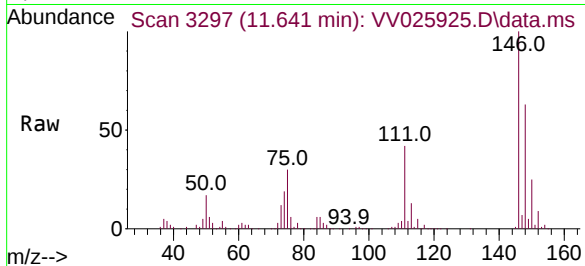




#67
1,2-Dichlorobenzene
Concen: 5.094 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

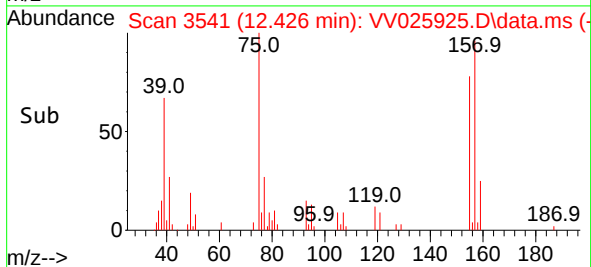
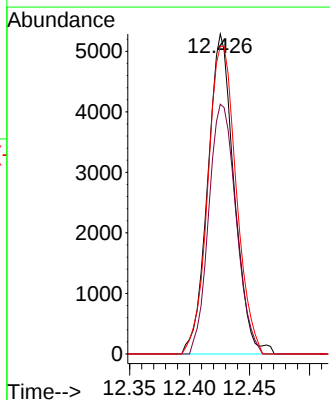
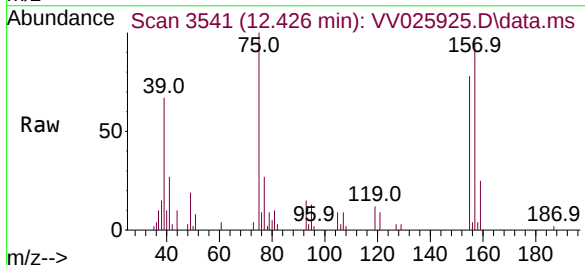
Instrument :
MSVOA_V
ClientSampleId :
VSTD005292

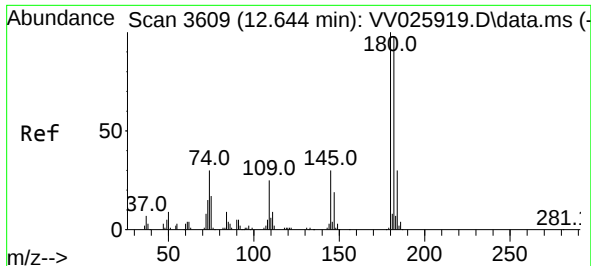
Tgt Ion:146 Resp: 150084
Ion Ratio Lower Upper
146 100
111 42.1 33.6 50.4
148 62.8 49.4 74.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.838 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.003 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

Tgt Ion: 75 Resp: 8089
Ion Ratio Lower Upper
75 100
155 78.1 59.6 89.4
157 96.1 85.3 127.9

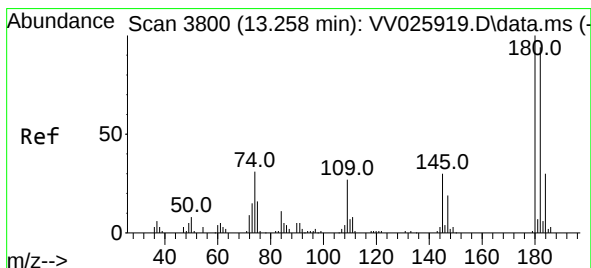
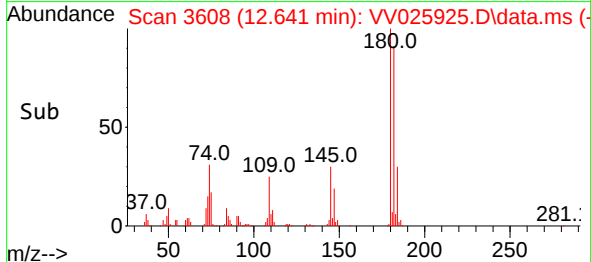
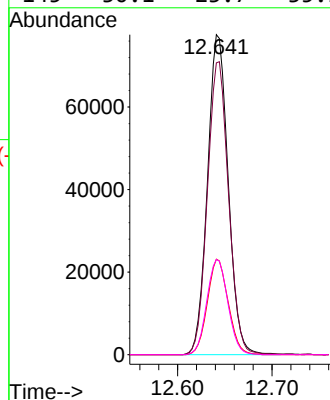
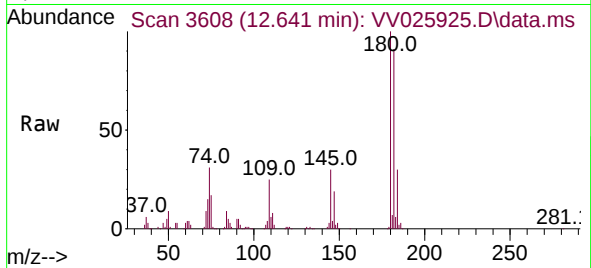




#69
1,3,5-Trichlorobenzene
Concen: 4.843 ug/L
RT: 12.641 min Scan# 3609
Delta R.T. -0.003 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

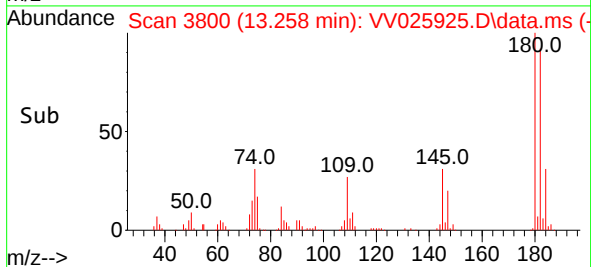
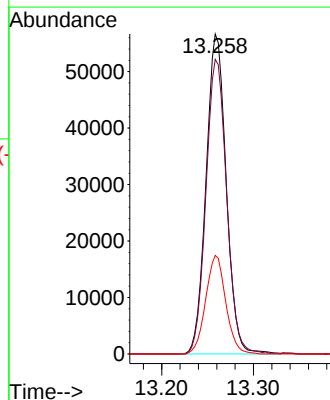
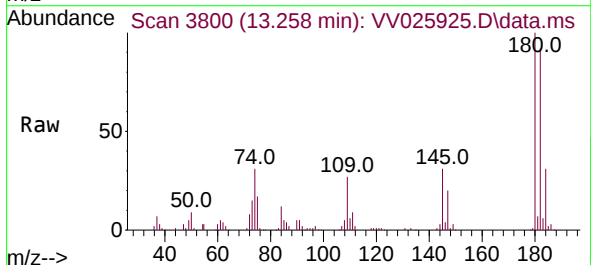
Instrument :
MSVOA_V
ClientSampleId :
VSTD005292

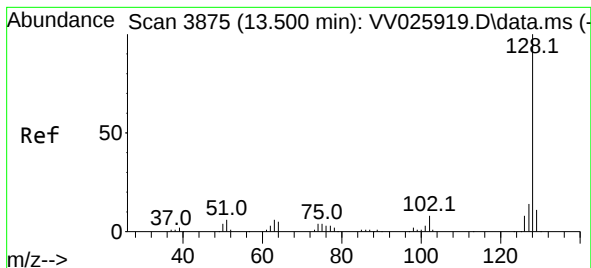
Tgt Ion:180 Resp: 118280
Ion Ratio Lower Upper
180 100
182 93.3 74.3 111.5
184 30.0 23.5 35.3
145 30.1 23.7 35.5



#70
1,2,4-trichlorobenzene
Concen: 4.679 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV025925.D
Acq: 17 May 2022 14:49

Tgt Ion:180 Resp: 86687
Ion Ratio Lower Upper
180 100
182 94.1 75.0 112.4
145 30.7 25.1 37.7





#71

Naphthalene

Concen: 4.435 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.000 min

Lab File: VV025925.D

Acq: 17 May 2022 14:49

Instrument :

MSVOA_V

ClientSampleId :

VSTD005292

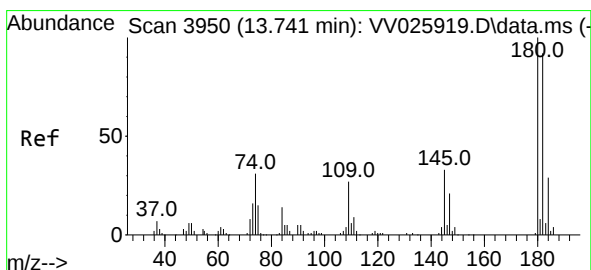
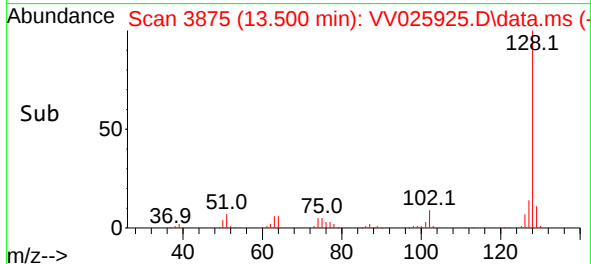
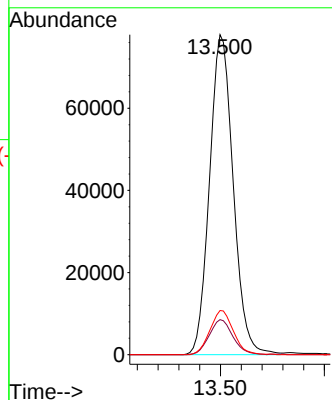
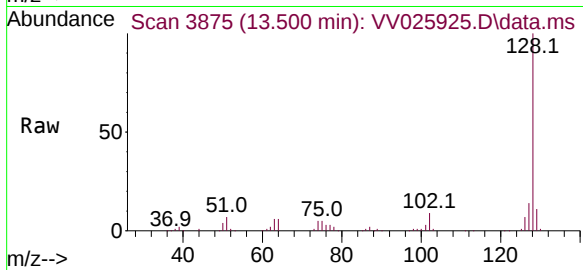
Tgt Ion:128 Resp: 123043

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.7 10.4 15.6



#72

1,2,3-Trichlorobenzene

Concen: 4.630 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV025925.D

Acq: 17 May 2022 14:49

Tgt Ion:180 Resp: 74106

Ion Ratio Lower Upper

180 100

182 97.2 73.5 110.3

145 32.3 25.9 38.9

