

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111422\
 Data File : VW028926.D
 Acq On : 14 Nov 2022 10:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005344

Quant Time: Nov 14 23:59:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 03:43:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	279183	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	255068	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	131162	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	68956	4.051	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.565	69	67397	4.504	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.000%
11) 1,1-Dichloroethene-d2	2.105	63	139559	4.499	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.000%
20) 2-Butanone-d5	3.886	46	134452	47.190	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.380%
24) Chloroform-d	4.336	84	170111	4.868	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.021	65	73695	4.687	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.040	84	346017	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.060	67	96185	4.524	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.307	98	316342	4.616	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
43) trans-1,3-Dichloroprop...	7.616	79	33539	4.837	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.082	63	147886	49.967	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.940%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	68862	4.672	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	110345	4.702	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	124179	5.336	ug/L	98
3) Chloromethane	1.240	50	93660	4.849	ug/L	98
5) Vinyl chloride	1.307	62	108290	4.915	ug/L	97
6) Bromomethane	1.520	94	64930	4.931	ug/L	99
8) Chloroethane	1.581	64	76852	5.936	ug/L	92
9) Trichlorofluoromethane	1.751	101	159154	5.358	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	88561	5.265	ug/L	98
12) 1,1-Dichloroethene	2.114	96	88458	5.234	ug/L	95
13) Acetone	2.182	43	82379	44.948	ug/L	89
14) Carbon disulfide	2.291	76	318516	5.307	ug/L	100
15) Methyl Acetate	2.433	43	27108	6.095	ug/L	92
16) Methylene chloride	2.500	84	106497	4.873	ug/L	95
17) Methyl tert-butyl Ether	2.761	73	194277	5.362	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	105461	5.380	ug/L	95
19) 1,1-Dichloroethane	3.182	63	168243	5.250	ug/L	100
21) 2-Butanone	3.970	43	129312	45.572	ug/L	82
22) cis-1,2-Dichloroethene	3.899	96	109870	5.513	ug/L	93
23) Bromochloromethane	4.237	128	44408	5.269	ug/L	95
25) Chloroform	4.365	83	178283	5.307	ug/L	94

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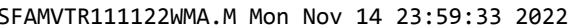
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 ClientSampleId :
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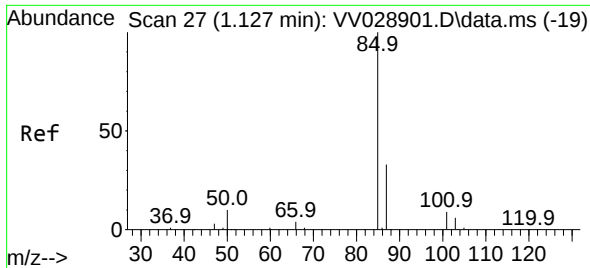
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 03:43:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	91857	5.309	ug/L	100
29) 1,1,1-Trichloroethane	4.597	97	160942	5.377	ug/L	97
30) Cyclohexane	4.664	56	156035	5.129	ug/L	99
31) Carbon tetrachloride	4.818	117	142864	5.543	ug/L	99
33) Benzene	5.089	78	406370	5.214	ug/L	100
34) Trichloroethene	5.905	95	104535	5.239	ug/L	97
35) Methylcyclohexane	6.124	83	181247	5.168	ug/L	98
37) 1,2-Dichloropropane	6.166	63	92178	5.128	ug/L	100
38) Bromodichloromethane	6.503	83	123929	5.444	ug/L	96
39) cis-1,3-Dichloropropene	7.021	75	132915	5.297	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	397889	51.451	ug/L	97
42) Toluene	7.378	91	450193	5.346	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	105620	5.422	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	64995	5.524	ug/L	96
47) Tetrachloroethene	7.966	164	88430	5.534	ug/L	98
48) 2-Hexanone	8.133	43	276625	51.065	ug/L	97
49) Dibromochloromethane	8.236	129	81353	5.719	ug/L	100
50) 1,2-Dibromoethane	8.346	107	59614	5.454	ug/L	96
51) Chlorobenzene	8.873	112	284858	5.471	ug/L	100
52) Ethylbenzene	9.005	91	473878	5.406	ug/L	98
53) m,p-Xylene	9.130	106	181916	5.218	ug/L	100
54) o-Xylene	9.535	106	173386	5.231	ug/L	98
55) Styrene	9.551	104	300925	5.413	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	71769	5.233	ug/L	95
59) Bromoform	9.722	173	40784	5.704	ug/L	98
60) Isopropylbenzene	9.921	105	472570	5.551	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	48174	5.375	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	399311	5.537	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	404653	5.601	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	220583	5.514	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	220646	5.487	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	199070	5.539	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.419	75	9669	5.483	ug/L	87
69) 1,3,5-Trichlorobenzene	12.635	180	171743	5.565	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	133881	5.735	ug/L	99
71) Naphthalene	13.493	128	163181	5.418	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	111850	5.657	ug/L	100

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

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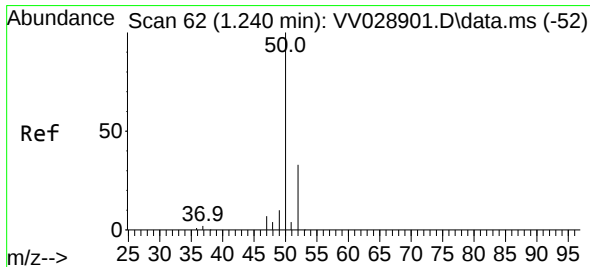
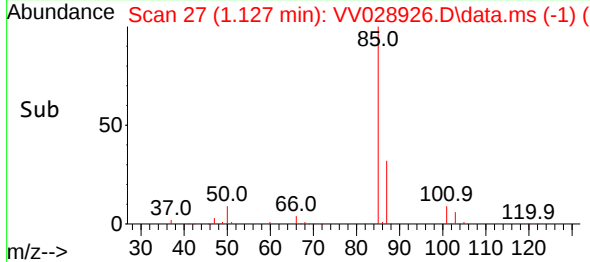
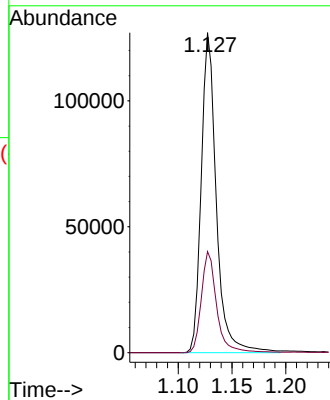
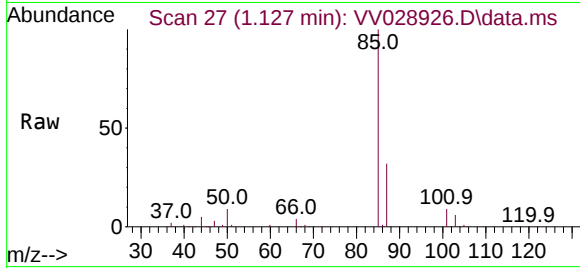




#2
 Dichlorodifluoromethane
 Concen: 5.336 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028926.D
 Acq: 14 Nov 2022 10:01

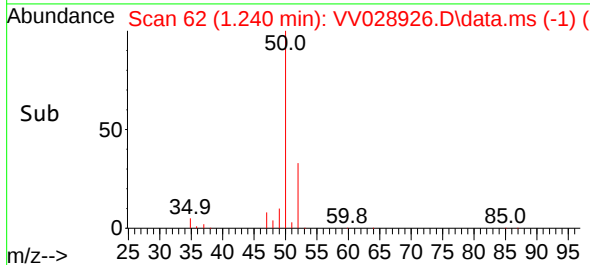
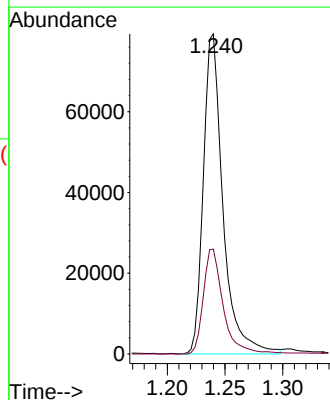
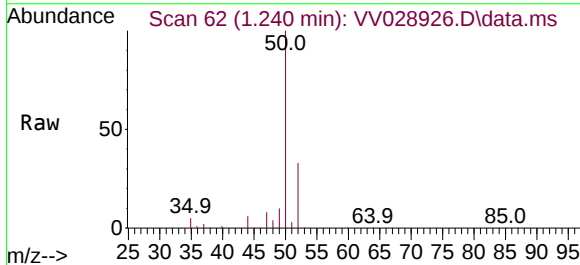
Instrument :
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 ClientSampleId :
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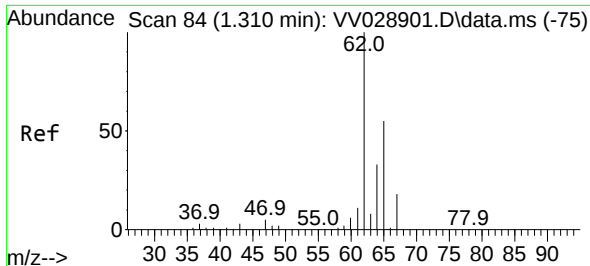
Tgt Ion: 85 Resp: 124179
 Ion Ratio Lower Upper
 85 100
 87 32.2 25.0 37.4



#3
 Chloromethane
 Concen: 4.849 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV028926.D
 Acq: 14 Nov 2022 10:01

Tgt Ion: 50 Resp: 93660
 Ion Ratio Lower Upper
 50 100
 52 32.8 23.7 43.9

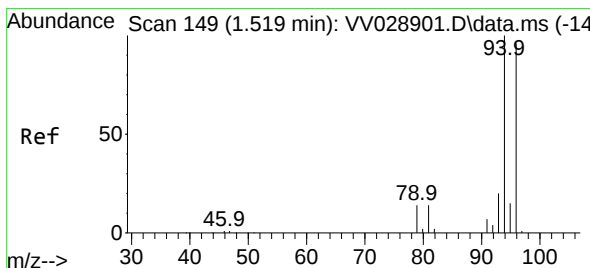
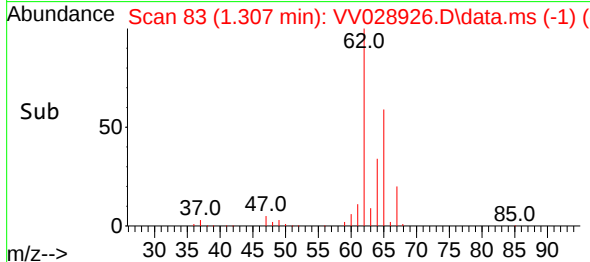
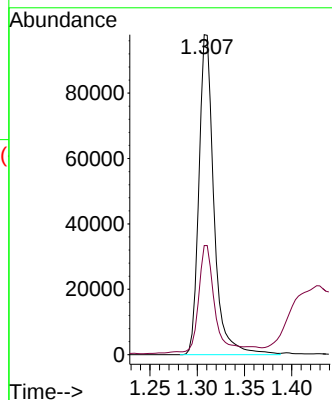
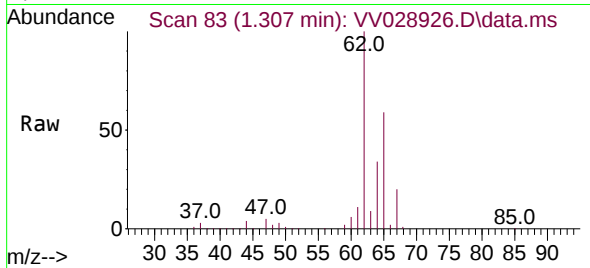




#5
 Vinyl chloride
 Concen: 4.915 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV028926.D
 Acq: 14 Nov 2022 10:01

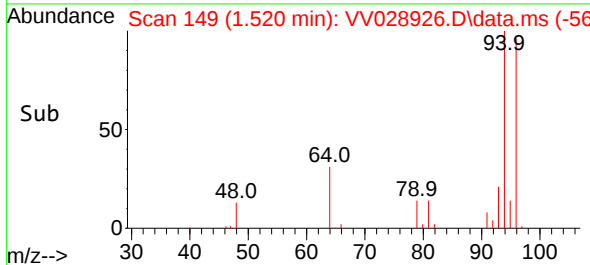
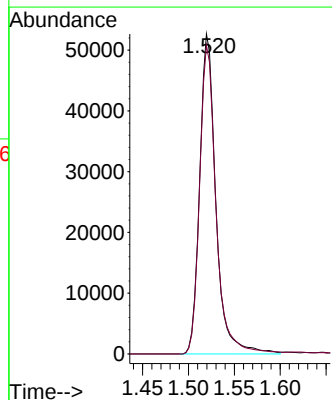
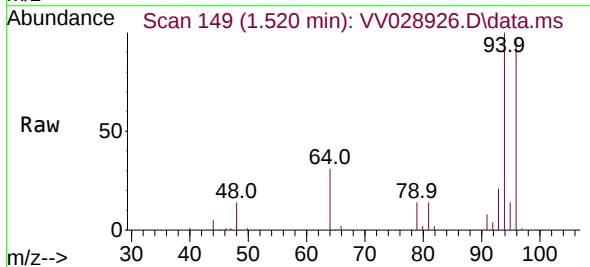
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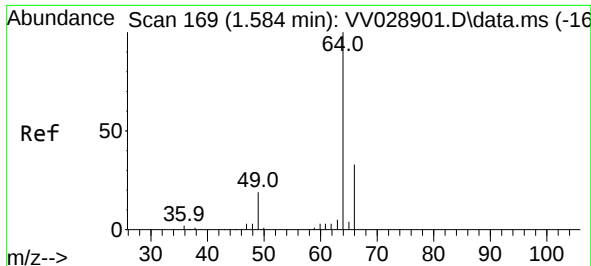
Tgt Ion: 62 Resp: 108290
 Ion Ratio Lower Upper
 62 100
 64 34.1 22.8 42.4



#6
 Bromomethane
 Concen: 4.931 ug/L
 RT: 1.520 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV028926.D
 Acq: 14 Nov 2022 10:01

Tgt Ion: 94 Resp: 64930
 Ion Ratio Lower Upper
 94 100
 96 96.5 68.5 127.3

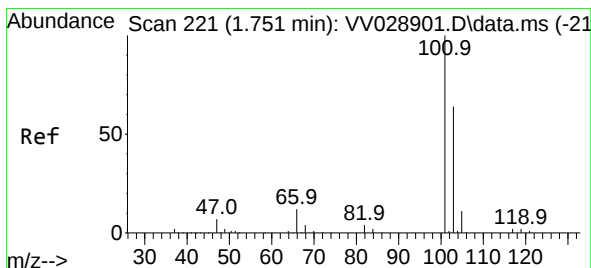
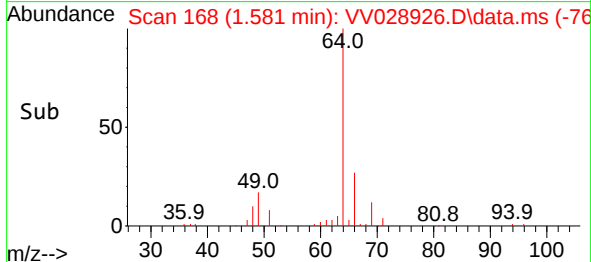
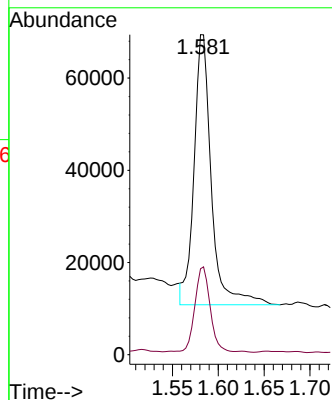
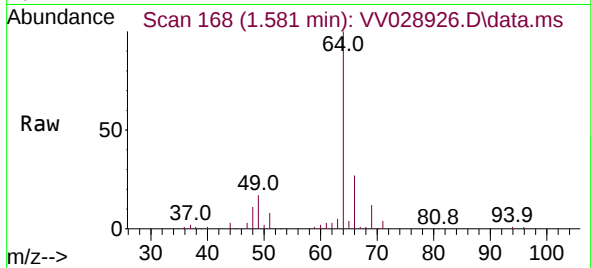




#8
Chloroethane
Concen: 5.936 ug/L
RT: 1.581 min Scan# 169
Delta R.T. -0.003 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

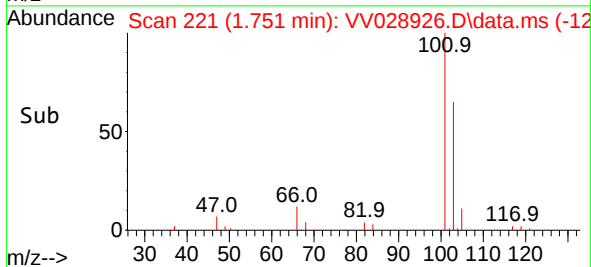
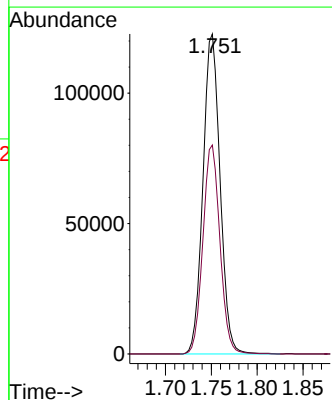
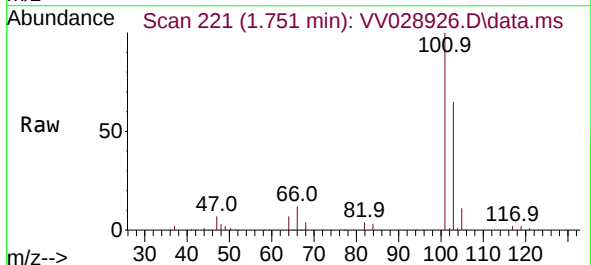
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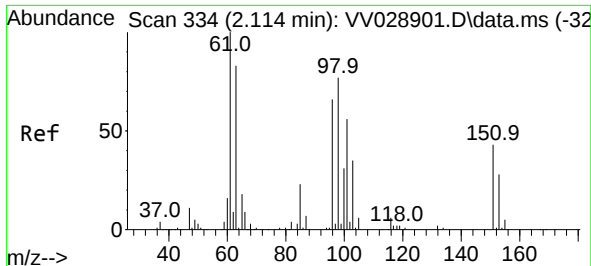
Tgt Ion: 64 Resp: 76852
Ion Ratio Lower Upper
64 100
66 26.9 22.0 40.8



#9
Trichlorofluoromethane
Concen: 5.358 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

Tgt Ion:101 Resp: 159154
Ion Ratio Lower Upper
101 100
103 64.9 51.3 76.9

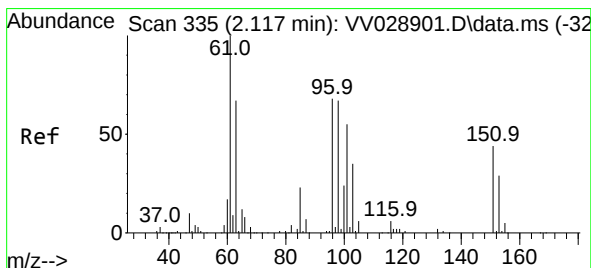
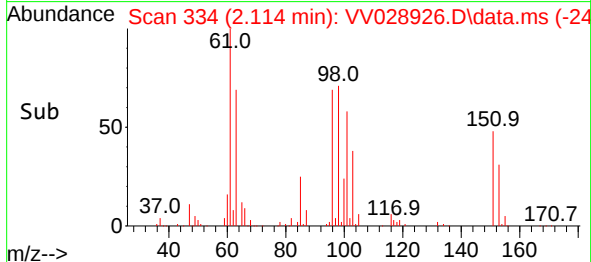
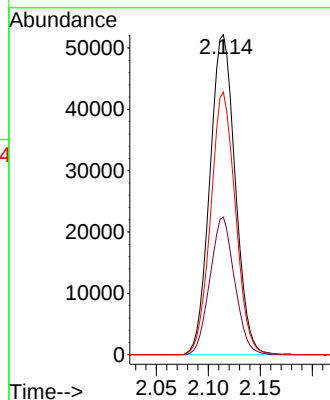
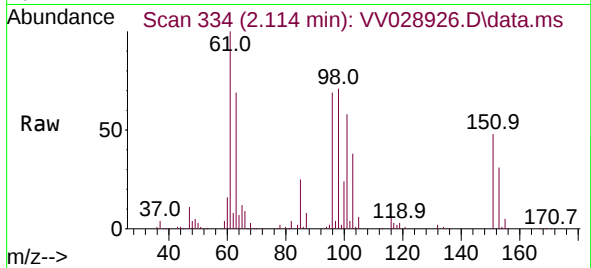




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.265 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.000 min
 Lab File: VV028926.D
 Acq: 14 Nov 2022 10:01

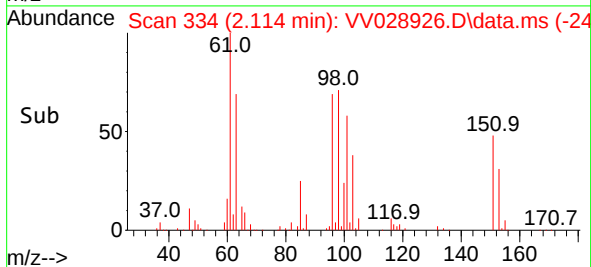
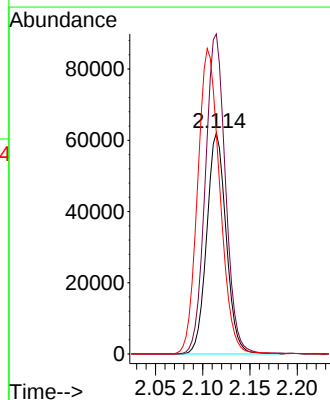
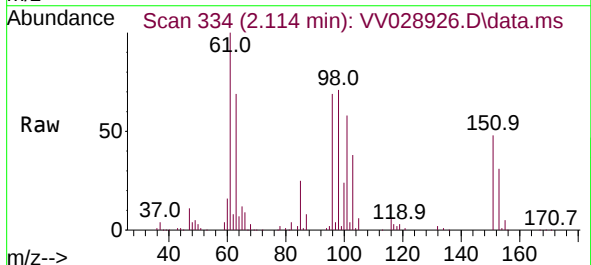
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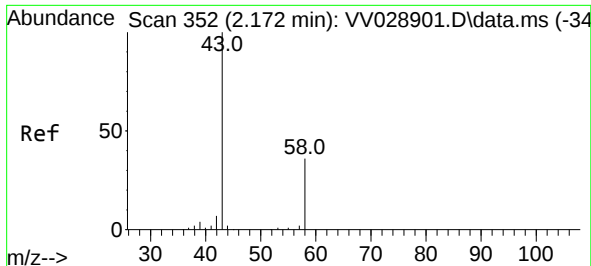
Tgt Ion:101 Resp: 88561
 Ion Ratio Lower Upper
 101 100
 85 41.7 32.9 49.3
 151 80.2 62.5 93.7



#12
 1,1-Dichloroethene
 Concen: 5.234 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV028926.D
 Acq: 14 Nov 2022 10:01

Tgt Ion: 96 Resp: 88458
 Ion Ratio Lower Upper
 96 100
 61 144.8 104.2 193.4
 63 99.7 75.9 140.9





#13

Acetone

Concen: 44.948 ug/L

RT: 2.182 min Scan# 3

Delta R.T. 0.010 min

Lab File: VV028926.D

Acq: 14 Nov 2022 10:01

Instrument :

MSVOA_V

ClientSampleId :

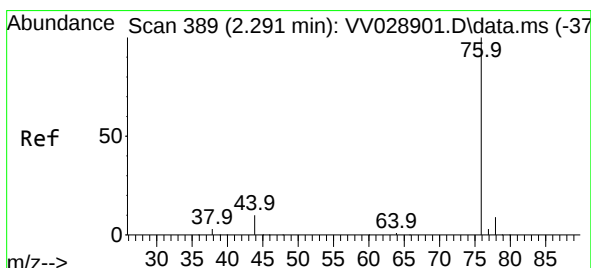
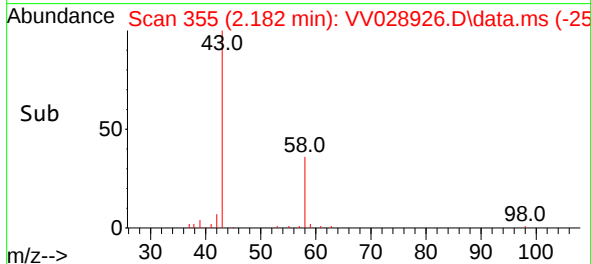
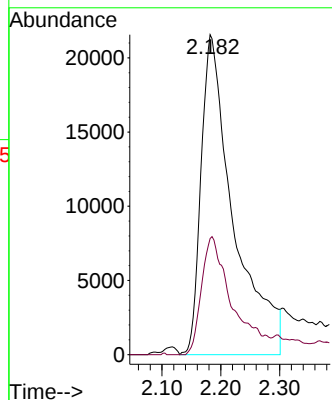
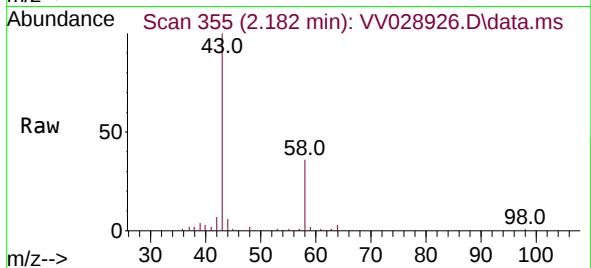
VSTD005344

Tgt Ion: 43 Resp: 82379

Ion Ratio Lower Upper

43 100

58 34.1 0.0 56.6



#14

Carbon disulfide

Concen: 5.307 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.000 min

Lab File: VV028926.D

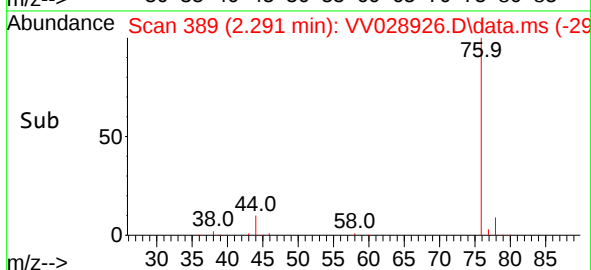
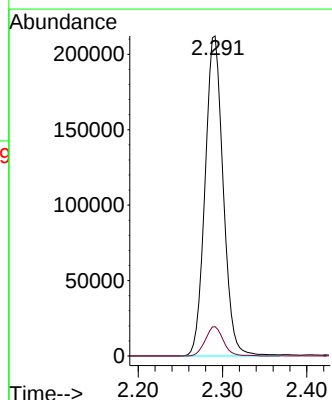
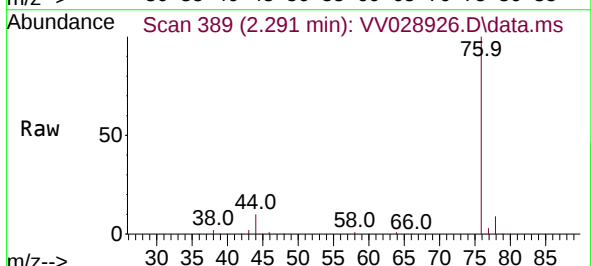
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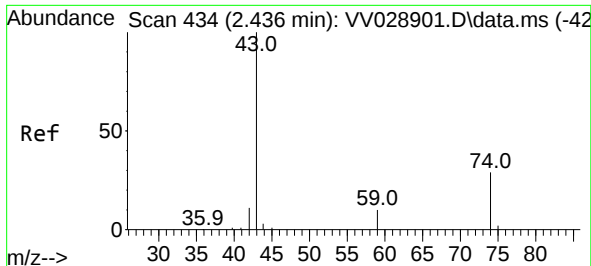
Tgt Ion: 76 Resp: 318516

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

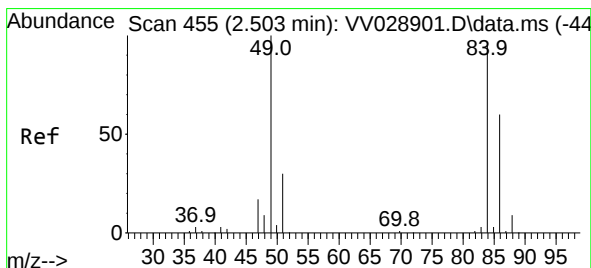
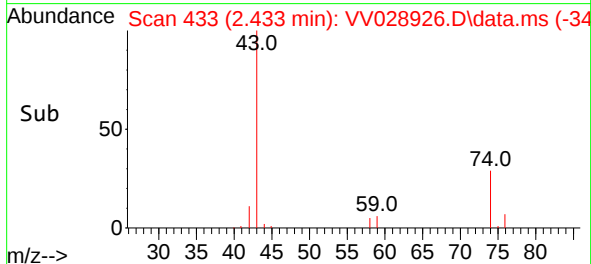
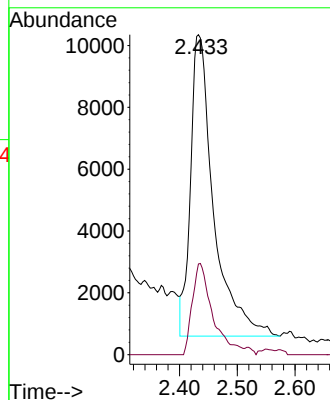
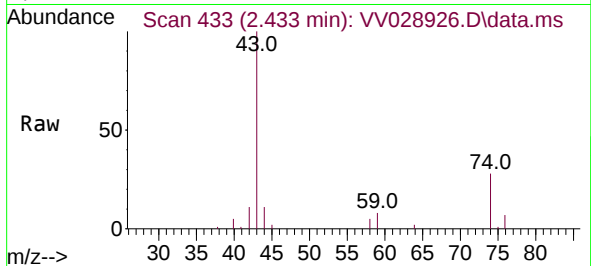




#15
Methyl Acetate
Concen: 6.095 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

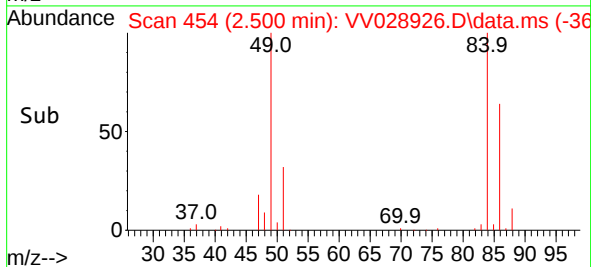
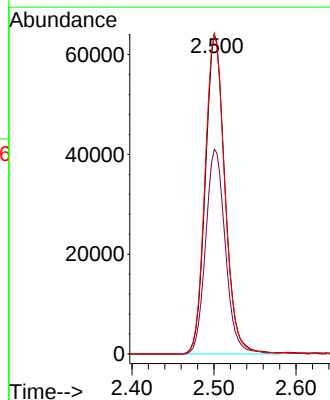
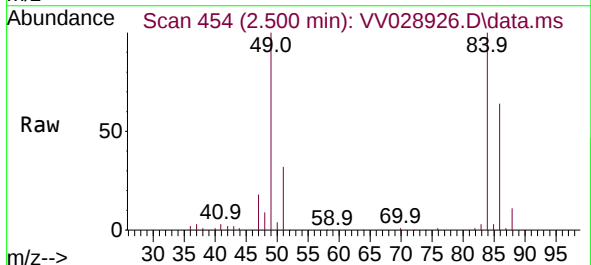
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

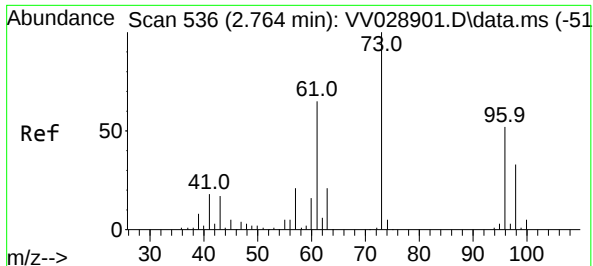
Tgt Ion: 43 Resp: 27108
Ion Ratio Lower Upper
43 100
74 26.6 24.6 37.0



#16
Methylene chloride
Concen: 4.873 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

Tgt Ion: 84 Resp: 106497
Ion Ratio Lower Upper
84 100
86 64.0 45.8 85.0
49 99.9 75.5 140.1

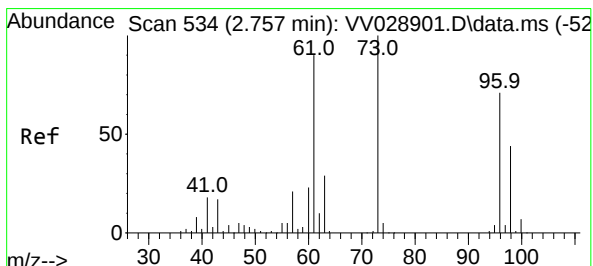
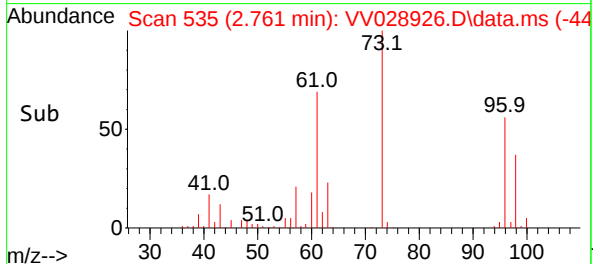
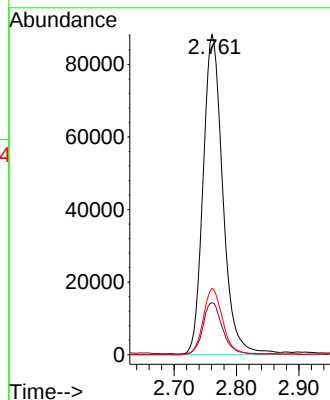
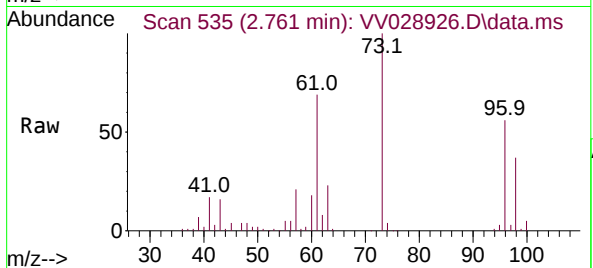




#17
Methyl tert-butyl Ether
Concen: 5.362 ug/L
RT: 2.761 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

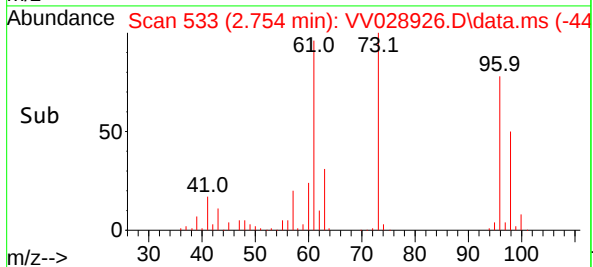
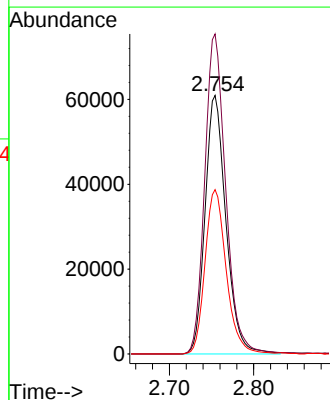
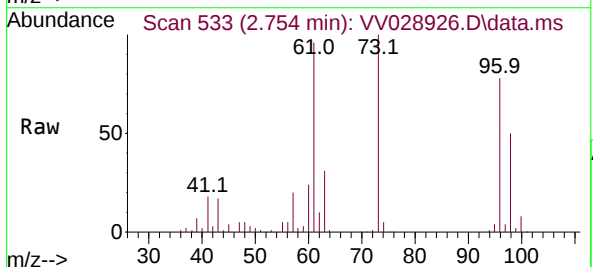
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

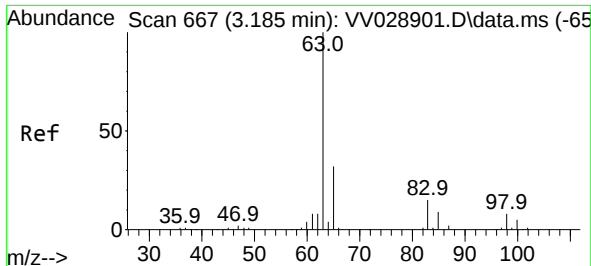
Tgt Ion: 73 Resp: 194277
Ion Ratio Lower Upper
73 100
43 15.8 13.0 19.4
57 20.4 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 5.380 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.003 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

Tgt Ion: 96 Resp: 105461
Ion Ratio Lower Upper
96 100
61 123.8 91.8 170.6
98 63.6 46.4 86.2





#19

1,1-Dichloroethane

Concen: 5.250 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.003 min

Lab File: VV028926.D

Acq: 14 Nov 2022 10:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD005344

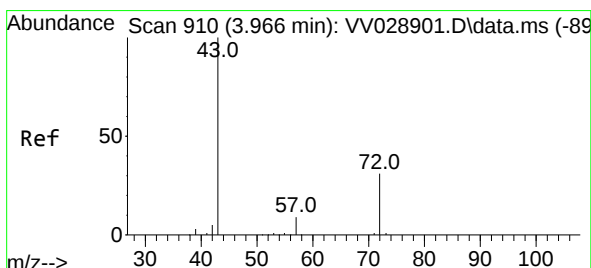
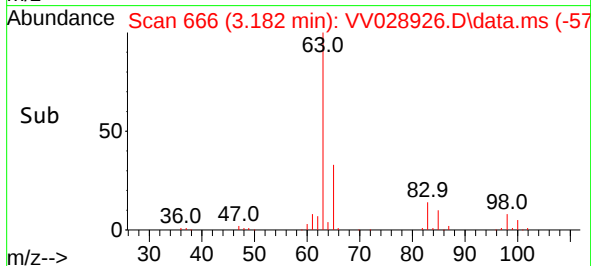
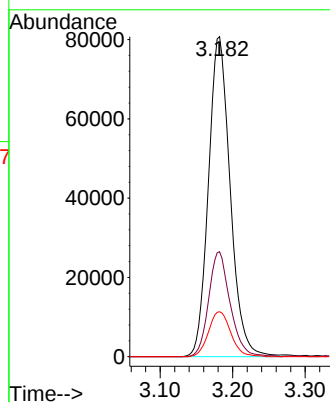
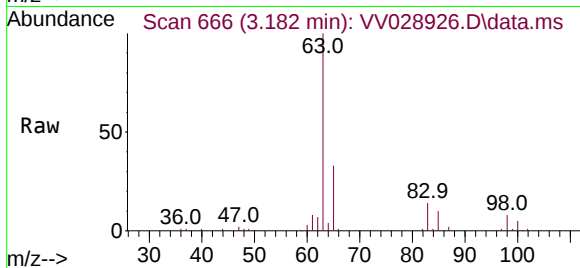
Tgt Ion: 63 Resp: 168243

Ion Ratio Lower Upper

63 100

65 32.8 23.0 42.6

83 14.1 9.4 17.6



#21

2-Butanone

Concen: 45.572 ug/L

RT: 3.970 min Scan# 911

Delta R.T. 0.003 min

Lab File: VV028926.D

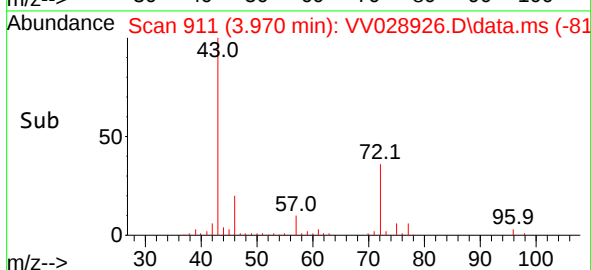
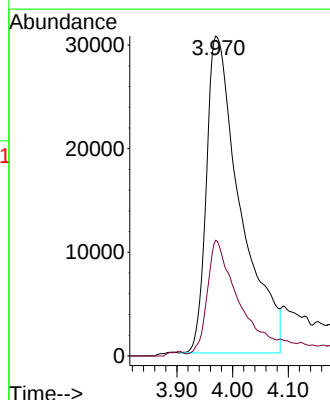
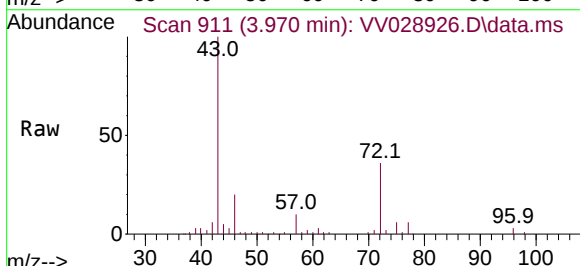
Acq: 14 Nov 2022 10:01

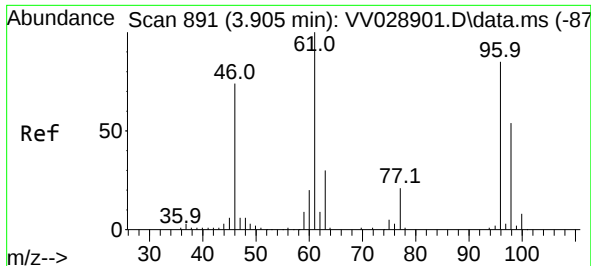
Tgt Ion: 43 Resp: 129312

Ion Ratio Lower Upper

43 100

72 32.8 11.9 35.9





#22

cis-1,2-Dichloroethene

Concen: 5.513 ug/L

RT: 3.899 min Scan# 891

Delta R.T. -0.006 min

Lab File: VV028926.D

Acq: 14 Nov 2022 10:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD005344

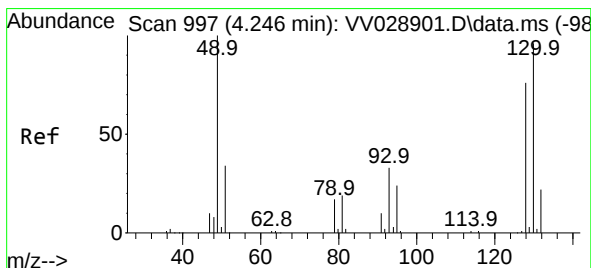
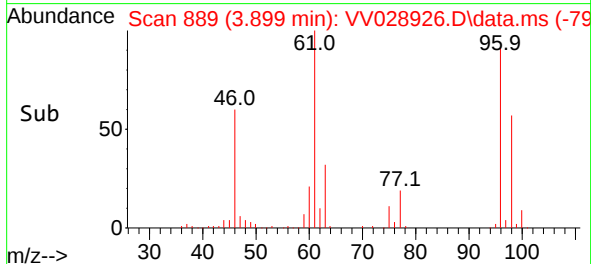
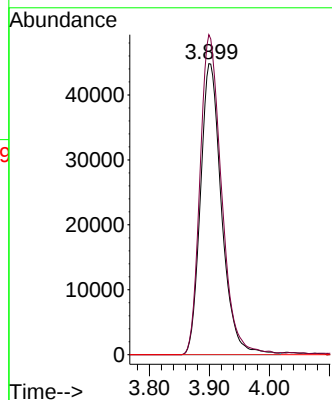
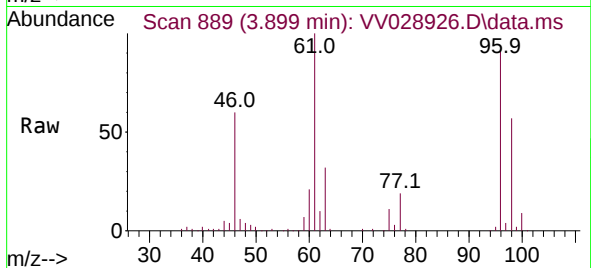
Tgt Ion: 96 Resp: 109870

Ion Ratio Lower Upper

96 100

61 110.0 82.3 152.9

68 0.0 0.0 0.0



#23

Bromochloromethane

Concen: 5.269 ug/L

RT: 4.237 min Scan# 994

Delta R.T. -0.010 min

Lab File: VV028926.D

Acq: 14 Nov 2022 10:01

Tgt Ion: 128 Resp: 44408

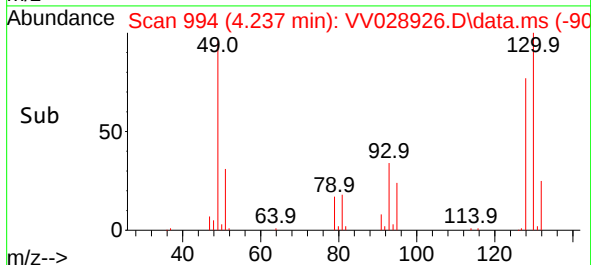
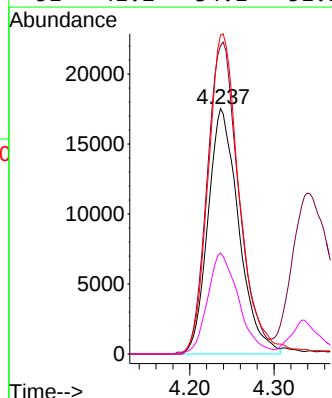
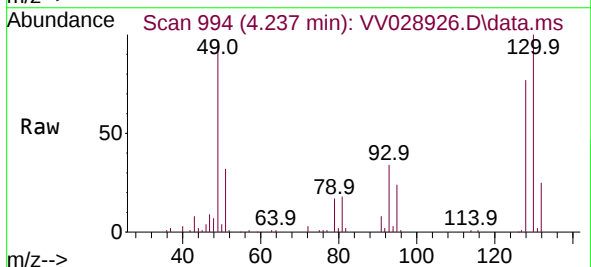
Ion Ratio Lower Upper

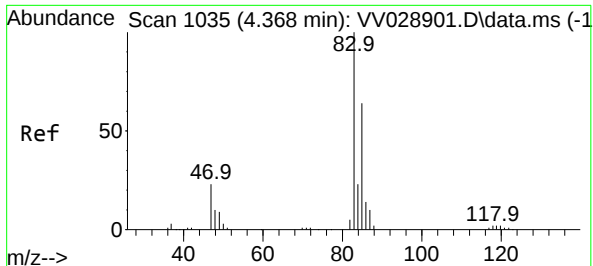
128 100

49 125.6 89.5 166.1

130 130.0 84.4 156.8

51 41.2 34.1 51.1

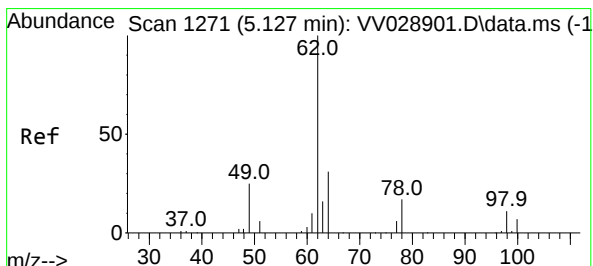
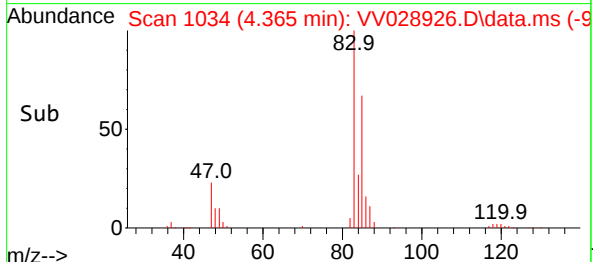
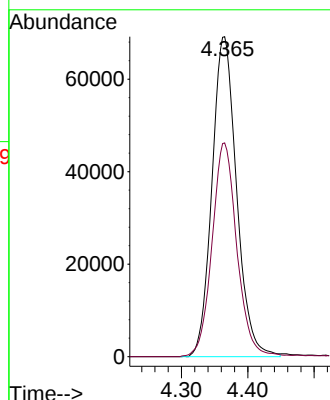
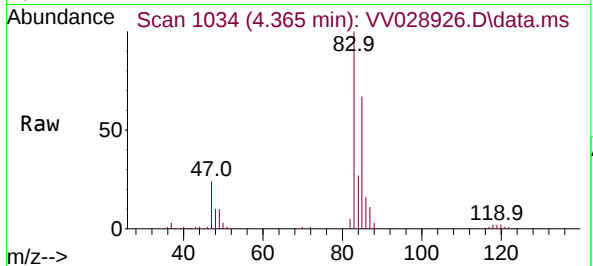




#25
Chloroform
Concen: 5.307 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

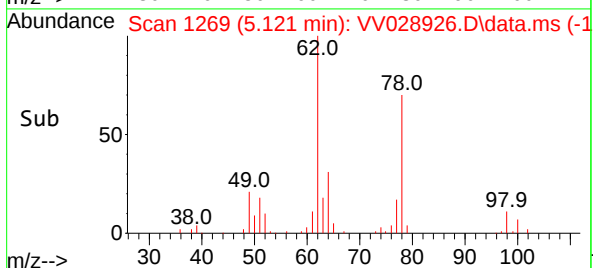
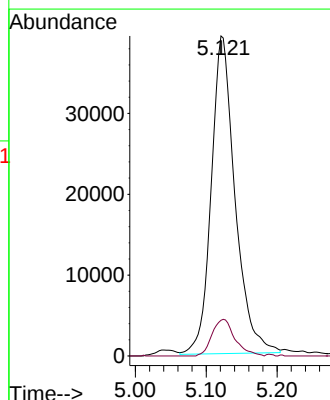
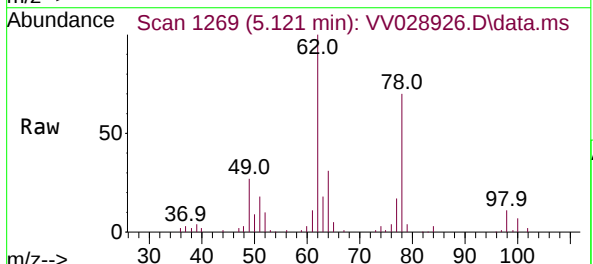
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

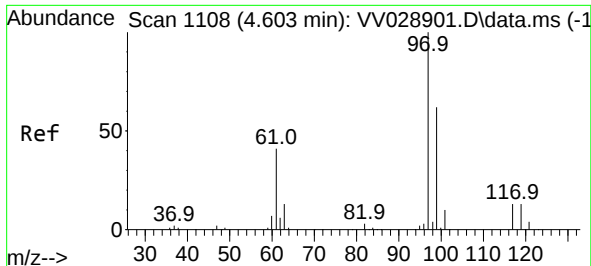
Tgt Ion: 83 Resp: 178283
Ion Ratio Lower Upper
83 100
85 66.8 43.7 81.1



#27
1,2-Dichloroethane
Concen: 5.309 ug/L
RT: 5.121 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

Tgt Ion: 62 Resp: 91857
Ion Ratio Lower Upper
62 100
98 11.1 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 5.377 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VV028926.D

Acq: 14 Nov 2022 10:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD005344

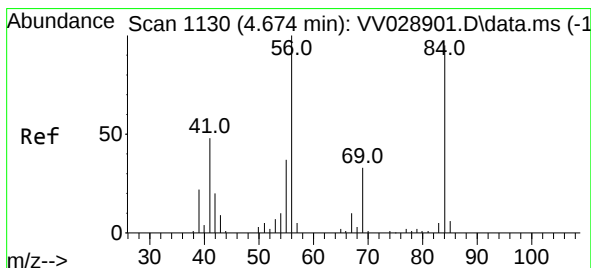
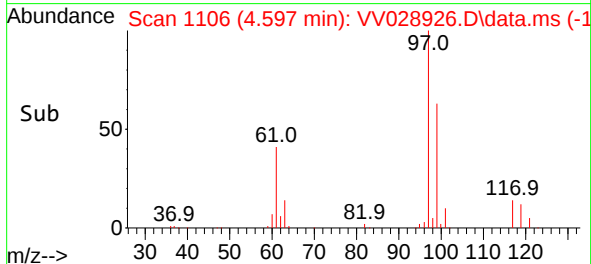
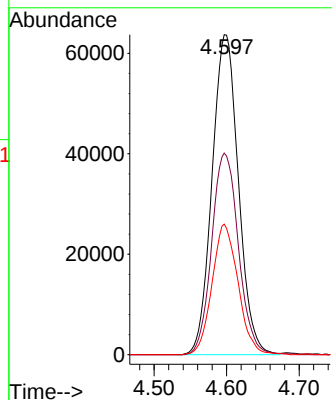
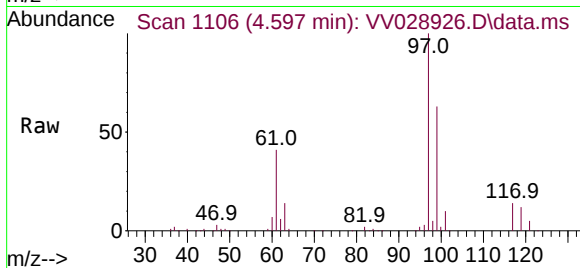
Tgt Ion: 97 Resp: 160942

Ion Ratio Lower Upper

97 100

99 64.0 52.7 79.1

61 40.3 33.8 50.6



#30

Cyclohexane

Concen: 5.129 ug/L

RT: 4.664 min Scan# 1127

Delta R.T. -0.010 min

Lab File: VV028926.D

Acq: 14 Nov 2022 10:01

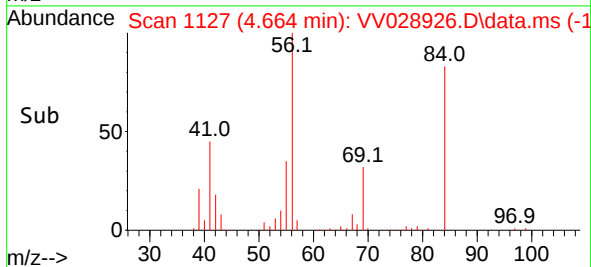
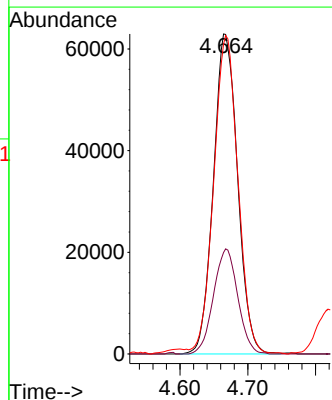
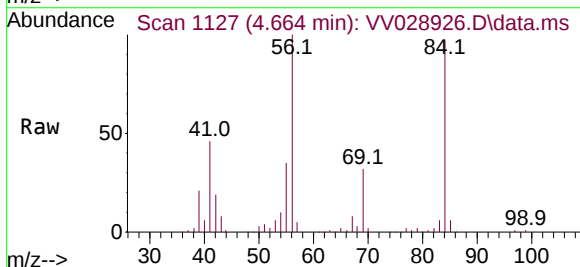
Tgt Ion: 56 Resp: 156035

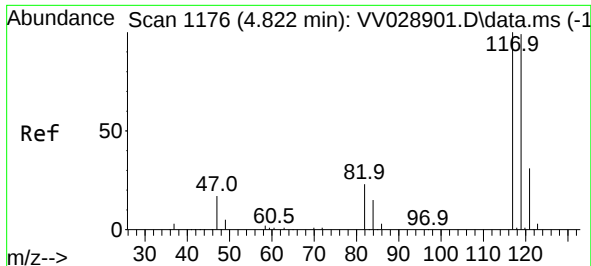
Ion Ratio Lower Upper

56 100

69 32.9 26.1 39.1

84 99.0 77.9 116.9

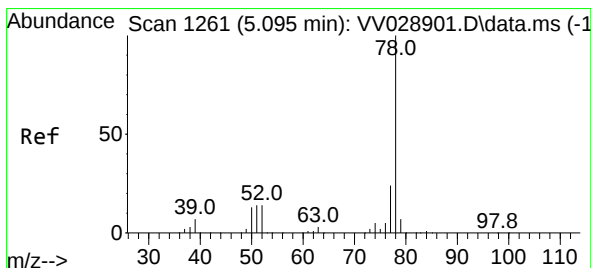
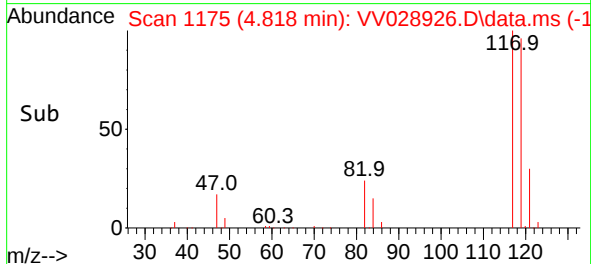
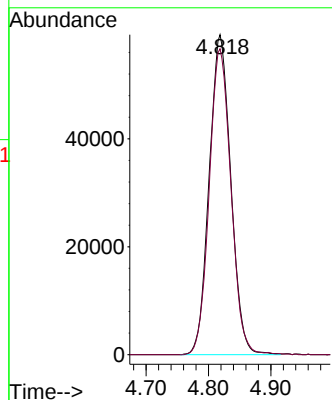
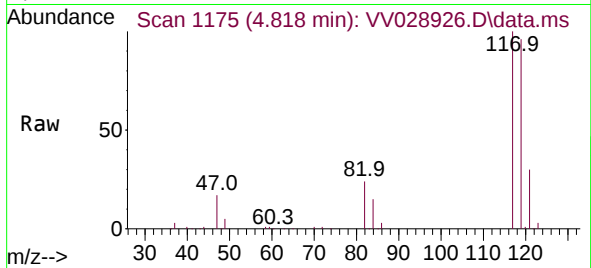




#31
Carbon tetrachloride
Concen: 5.543 ug/L
RT: 4.818 min Scan# 1176
Delta R.T. -0.003 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

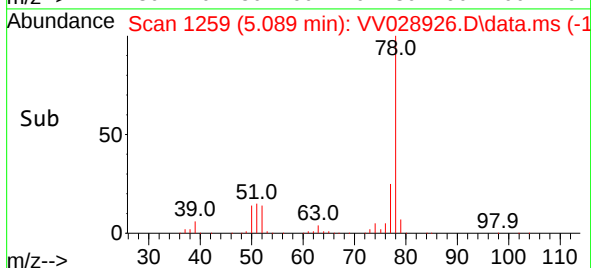
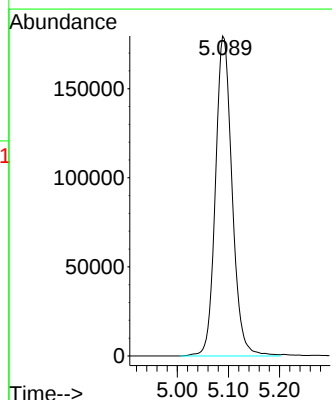
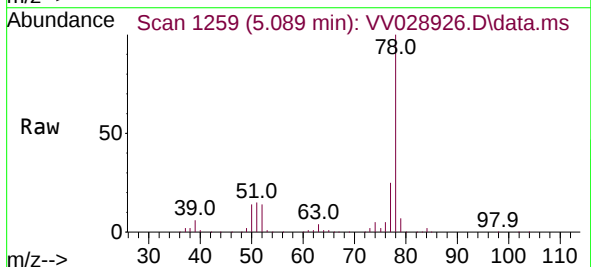
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

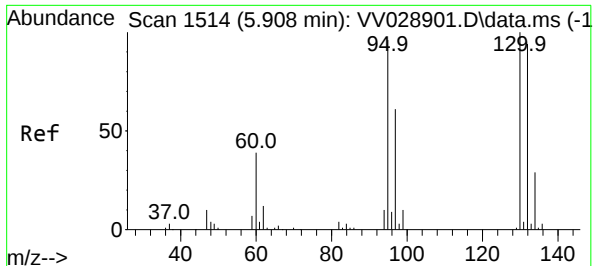
Tgt Ion:117 Resp: 142864
Ion Ratio Lower Upper
117 100
119 95.5 77.0 115.6



#33
Benzene
Concen: 5.214 ug/L
RT: 5.089 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

Tgt Ion: 78 Resp: 406370

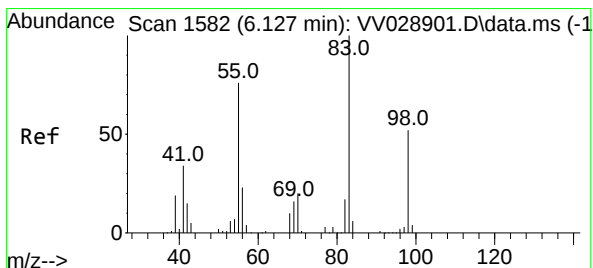
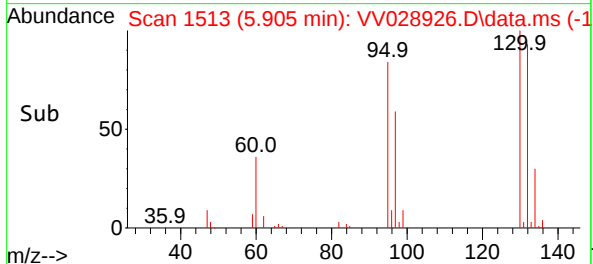
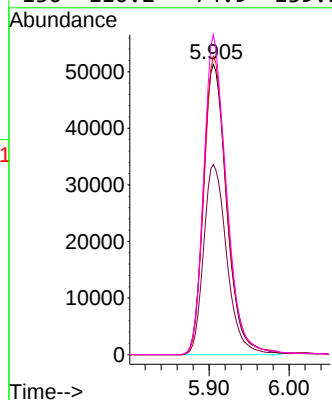
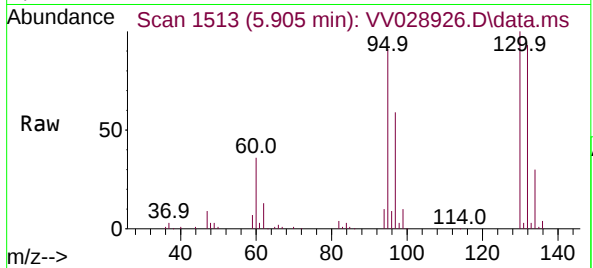




#34
Trichloroethene
Concen: 5.239 ug/L
RT: 5.905 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

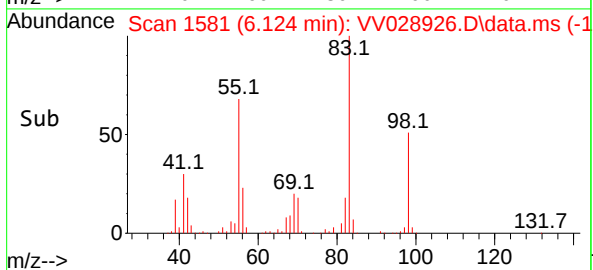
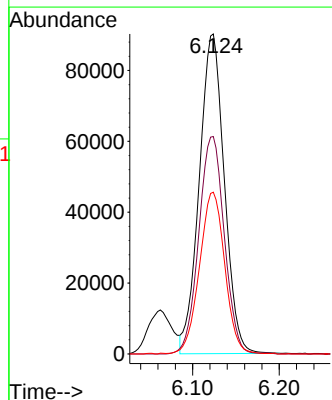
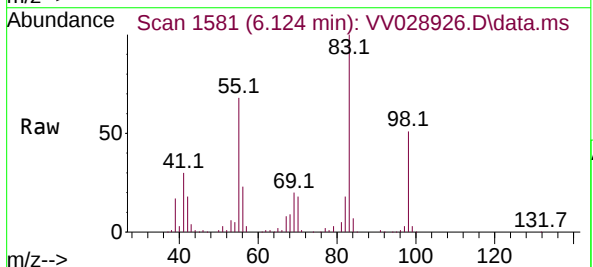
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

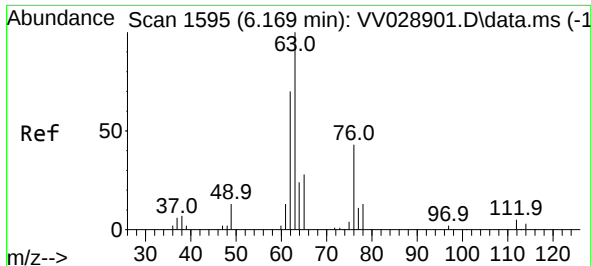
Tgt Ion: 95 Resp: 104535
Ion Ratio Lower Upper
95 100
97 65.6 45.6 84.8
132 102.7 69.1 128.3
130 110.2 74.9 139.1



#35
Methylcyclohexane
Concen: 5.168 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

Tgt Ion: 83 Resp: 181247
Ion Ratio Lower Upper
83 100
55 69.2 55.8 83.6
98 50.7 38.2 57.2





#37

1,2-Dichloropropane

Concen: 5.128 ug/L

RT: 6.166 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV028926.D

Acq: 14 Nov 2022 10:01

Instrument :

MSVOA_V

ClientSampleId :

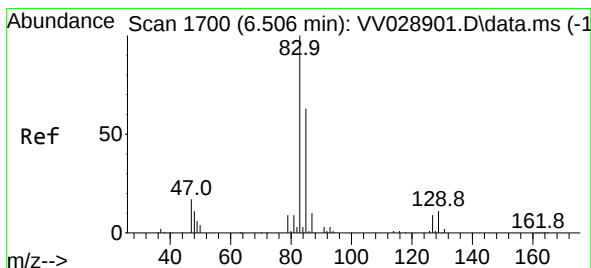
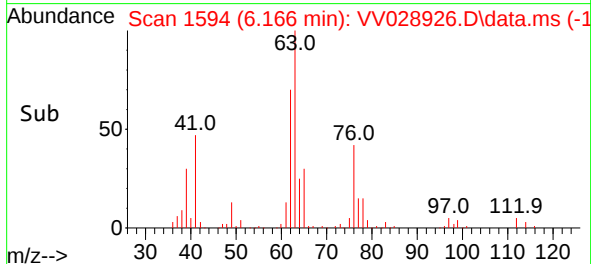
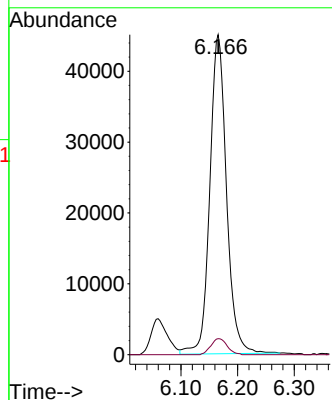
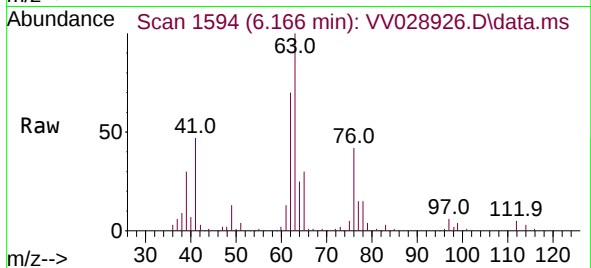
VSTD005344

Tgt Ion: 63 Resp: 92178

Ion Ratio Lower Upper

63 100

112 4.9 4.0 6.0



#38

Bromodichloromethane

Concen: 5.444 ug/L

RT: 6.503 min Scan# 1699

Delta R.T. -0.003 min

Lab File: VV028926.D

Acq: 14 Nov 2022 10:01

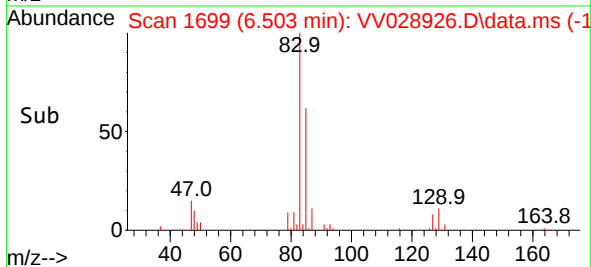
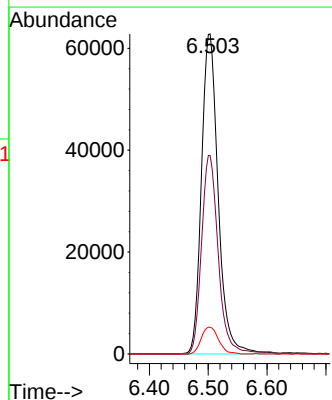
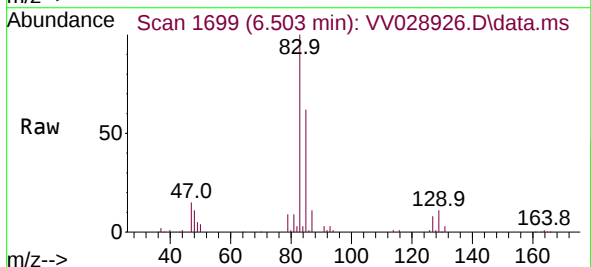
Tgt Ion: 83 Resp: 123929

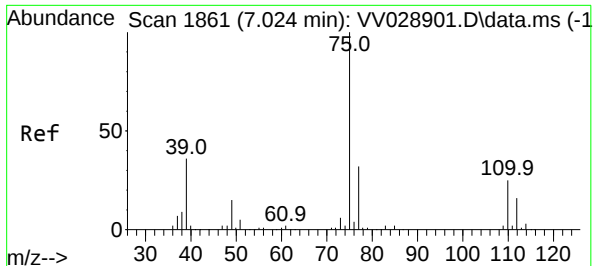
Ion Ratio Lower Upper

83 100

85 62.0 46.1 85.5

127 8.4 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 5.297 ug/L

RT: 7.021 min Scan# 1860

Delta R.T. -0.003 min

Lab File: VV028926.D

Acq: 14 Nov 2022 10:01

Instrument :

MSVOA_V

ClientSampleId :

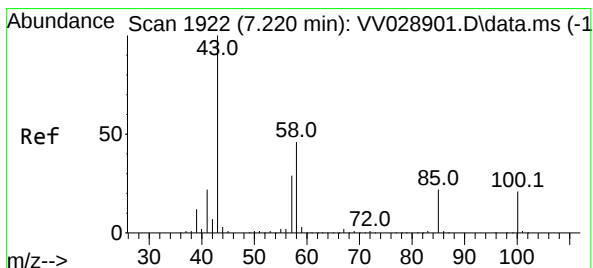
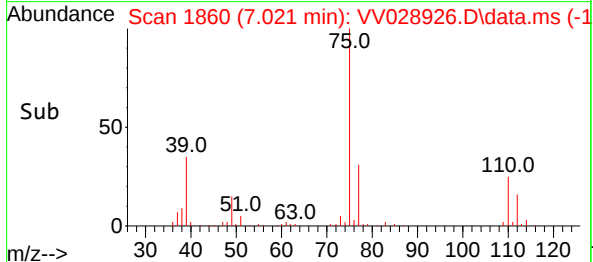
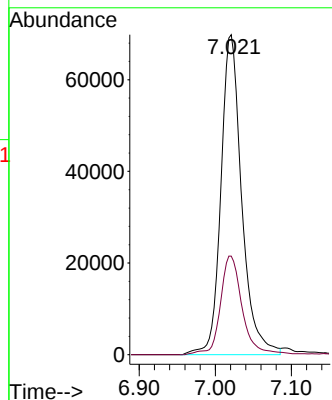
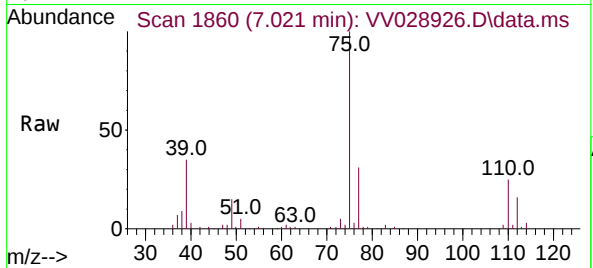
VSTD005344

Tgt Ion: 75 Resp: 132915

Ion Ratio Lower Upper

75 100

77 30.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 51.451 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. 0.000 min

Lab File: VV028926.D

Acq: 14 Nov 2022 10:01

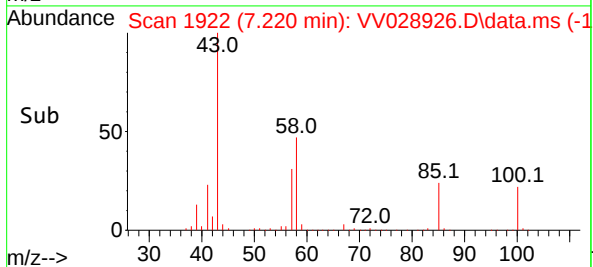
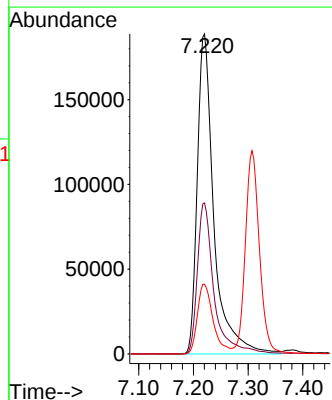
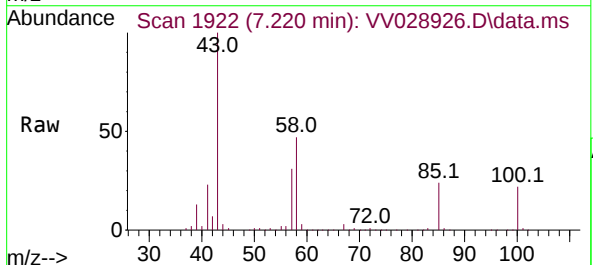
Tgt Ion: 43 Resp: 397889

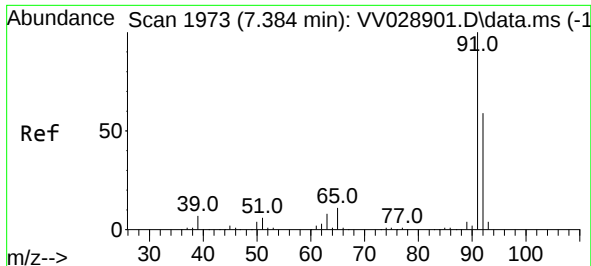
Ion Ratio Lower Upper

43 100

58 47.3 36.6 55.0

100 20.6 14.5 21.7





#42

Toluene

Concen: 5.346 ug/L

RT: 7.378 min Scan# 1973

Delta R.T. -0.006 min

Lab File: VV028926.D

Acq: 14 Nov 2022 10:01

Instrument :

MSVOA_V

ClientSampleId :

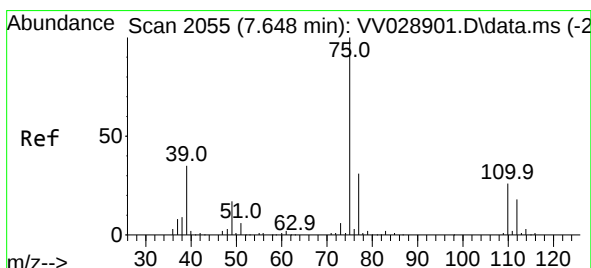
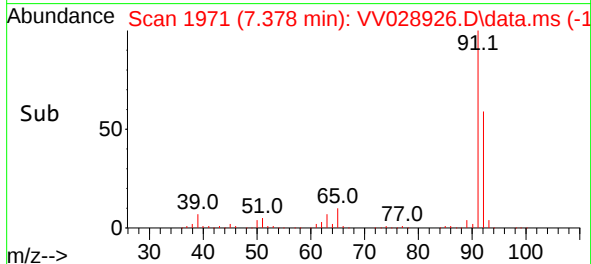
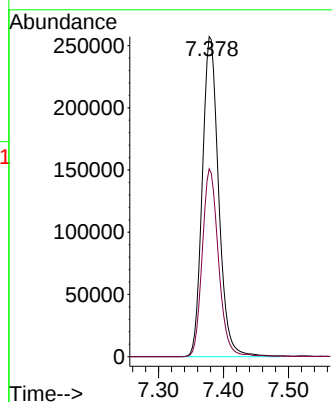
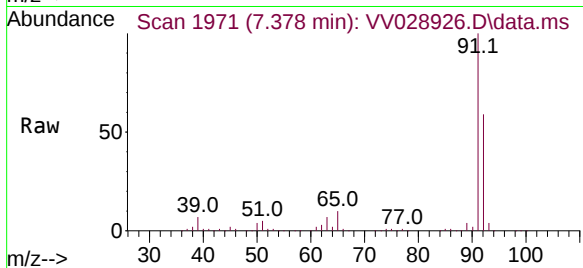
VSTD005344

Tgt Ion: 91 Resp: 450193

Ion Ratio Lower Upper

91 100

92 58.7 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 5.422 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. -0.003 min

Lab File: VV028926.D

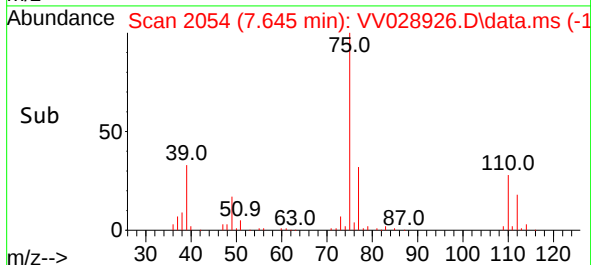
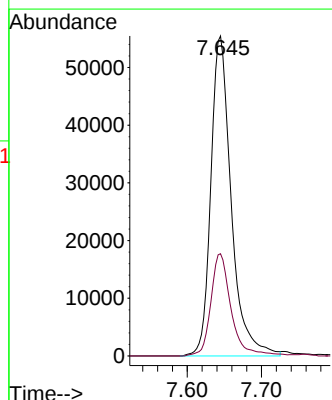
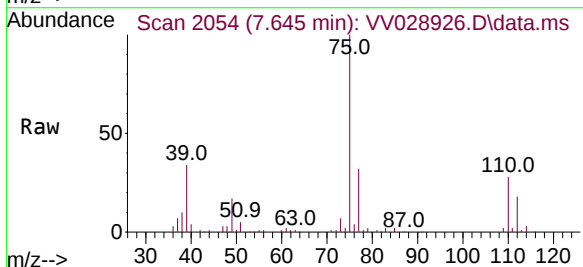
Acq: 14 Nov 2022 10:01

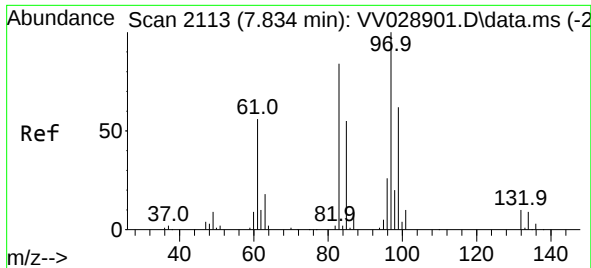
Tgt Ion: 75 Resp: 105620

Ion Ratio Lower Upper

75 100

77 31.9 22.2 41.2

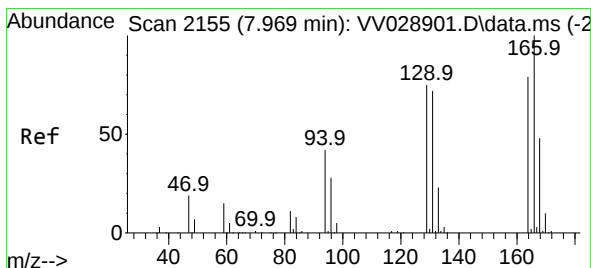
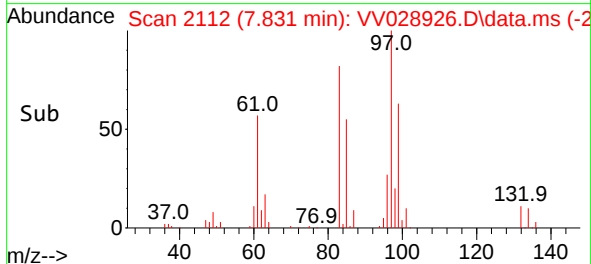
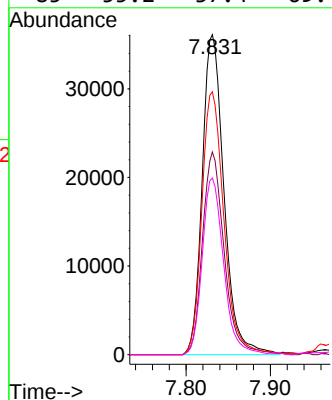
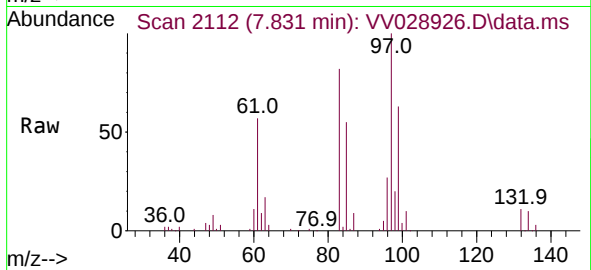




#45
1,1,2-Trichloroethane
Concen: 5.524 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. -0.003 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

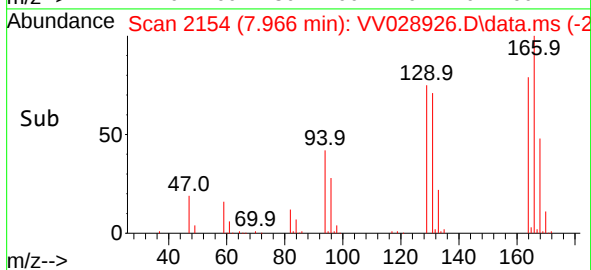
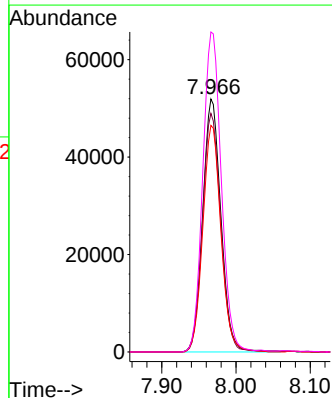
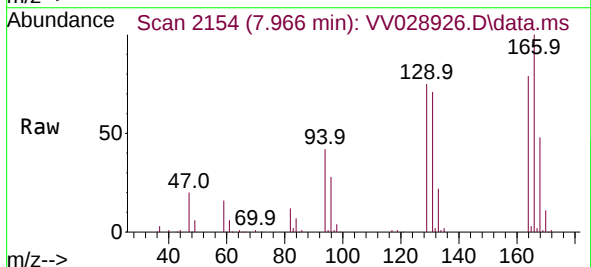
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

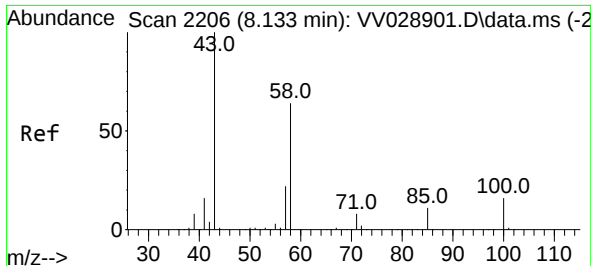
Tgt Ion:	97	Resp:	64995
Ion	Ratio	Lower	Upper
97	100		
99	63.4	41.5	77.1
83	82.2	60.0	111.4
85	55.2	37.4	69.4



#47
Tetrachloroethene
Concen: 5.534 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.003 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

Tgt Ion:	164	Resp:	88430
Ion	Ratio	Lower	Upper
164	100		
129	94.3	63.9	118.7
131	89.6	61.8	114.8
166	126.5	90.2	167.4



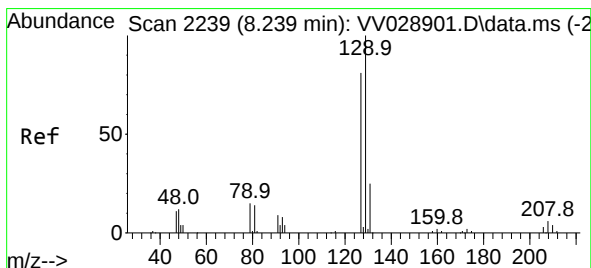
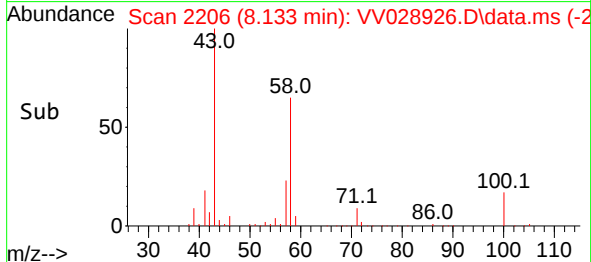
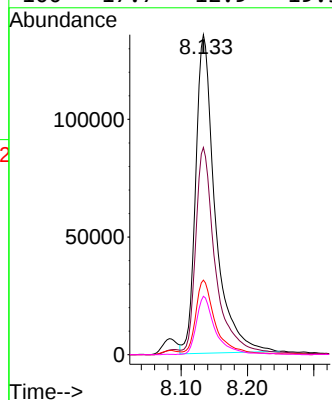
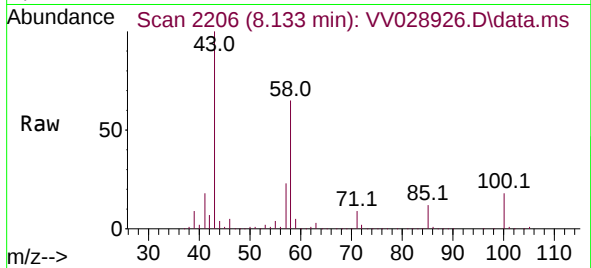


#48
2-Hexanone
Concen: 51.065 ug/L
RT: 8.133 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

Tgt Ion: 43 Resp: 276625

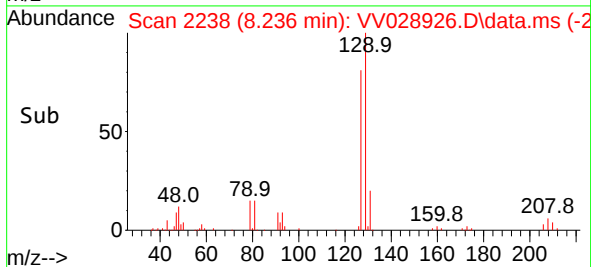
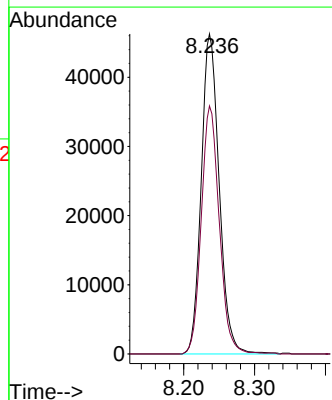
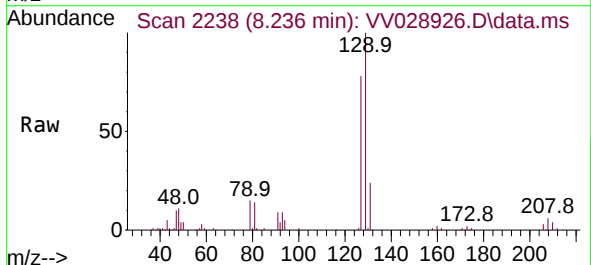
Ion	Ratio	Lower	Upper
43	100		
58	65.4	50.2	75.4
57	23.1	17.8	26.8
100	17.7	12.9	19.3

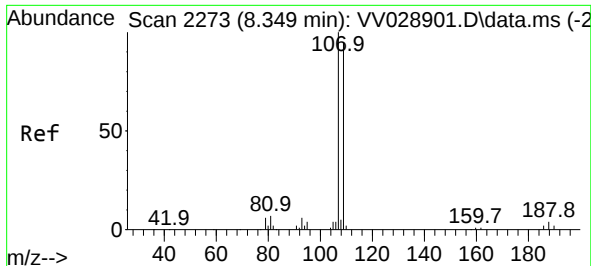


#49
Dibromochloromethane
Concen: 5.719 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. -0.003 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

Tgt Ion: 129 Resp: 81353

Ion	Ratio	Lower	Upper
129	100		
127	77.5	54.5	101.1





#50

1,2-Dibromoethane

Concen: 5.454 ug/L

RT: 8.346 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV028926.D

Acq: 14 Nov 2022 10:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD005344

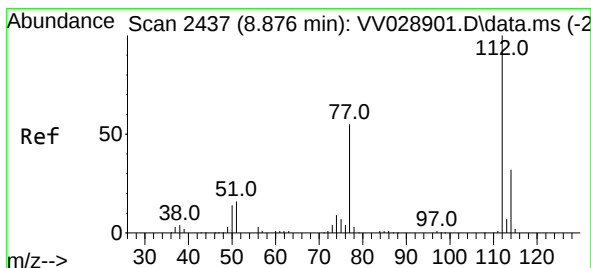
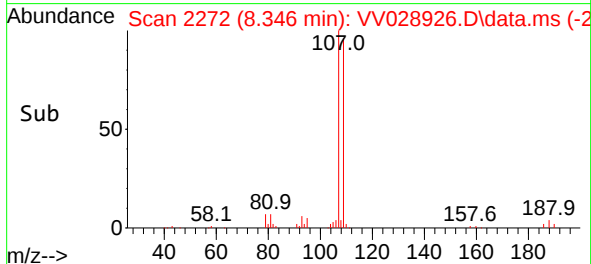
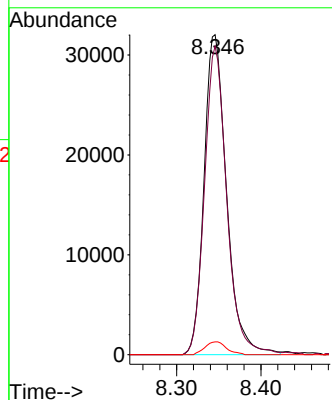
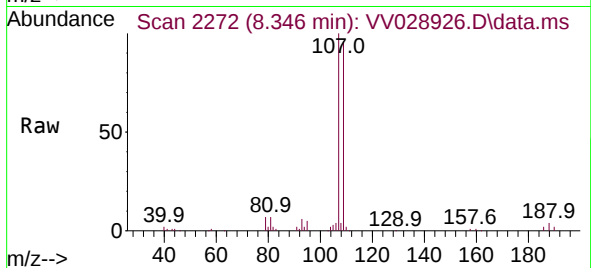
Tgt Ion:107 Resp: 59614

Ion Ratio Lower Upper

107 100

109 96.3 64.4 119.6

188 4.0 2.9 4.3



#51

Chlorobenzene

Concen: 5.471 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. -0.003 min

Lab File: VV028926.D

Acq: 14 Nov 2022 10:01

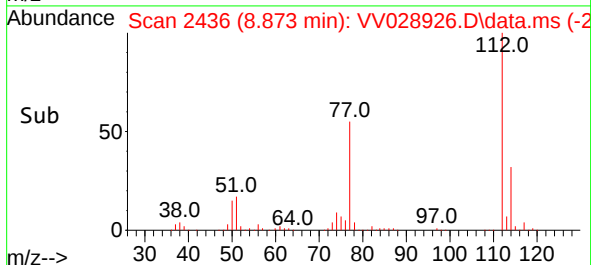
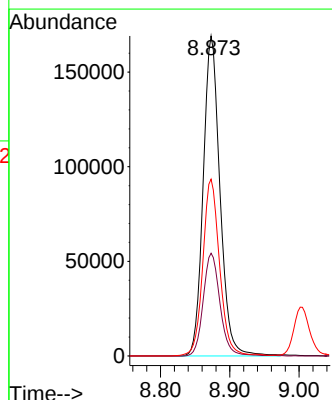
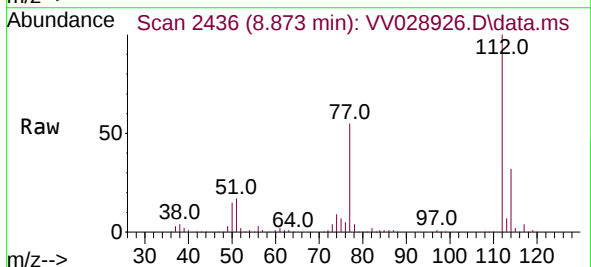
Tgt Ion:112 Resp: 284858

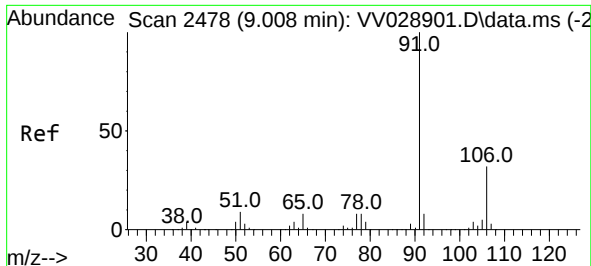
Ion Ratio Lower Upper

112 100

114 32.1 22.4 41.6

77 55.2 44.4 66.6

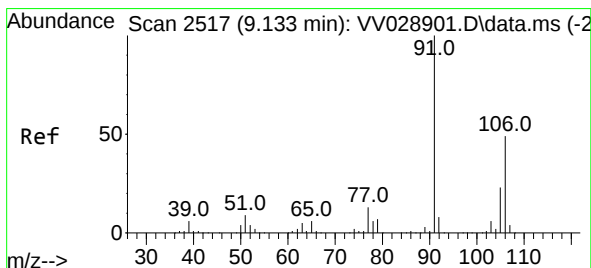
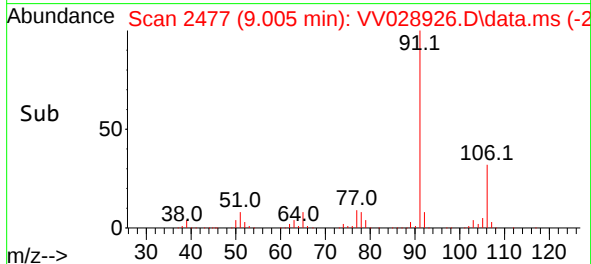
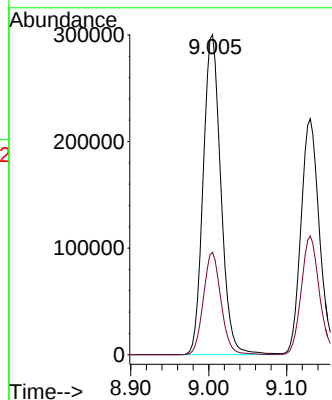
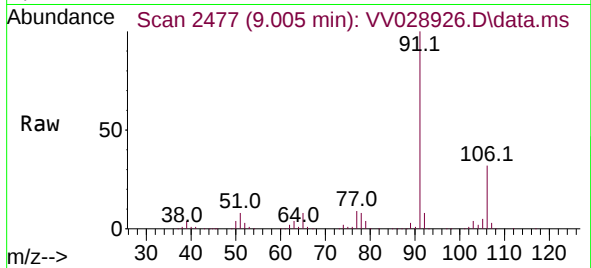




#52
Ethylbenzene
Concen: 5.406 ug/L
RT: 9.005 min Scan# 2478
Delta R.T. -0.003 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

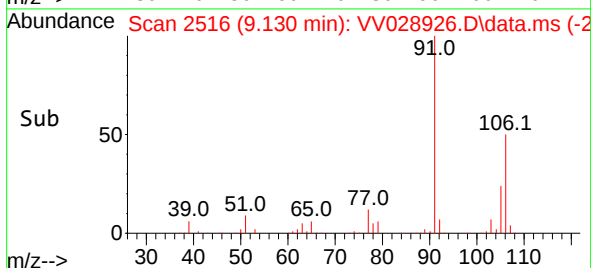
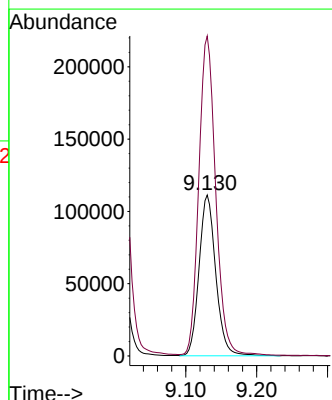
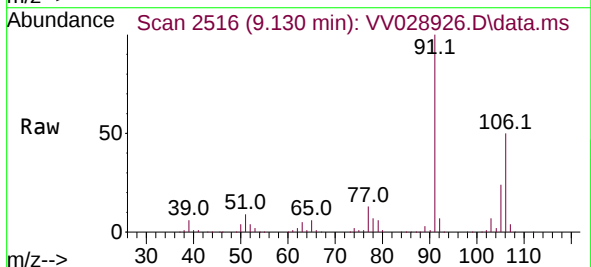
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

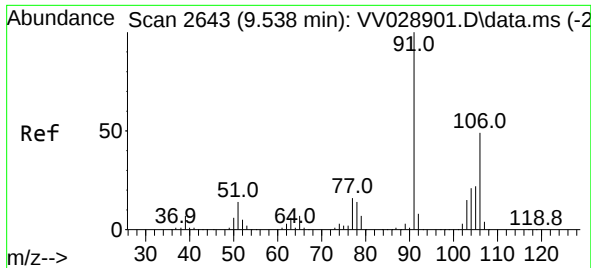
Tgt Ion: 91 Resp: 473878
Ion Ratio Lower Upper
91 100
106 32.0 21.6 40.2



#53
m,p-Xylene
Concen: 5.218 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.003 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

Tgt Ion:106 Resp: 181916
Ion Ratio Lower Upper
106 100
91 198.8 139.1 258.3

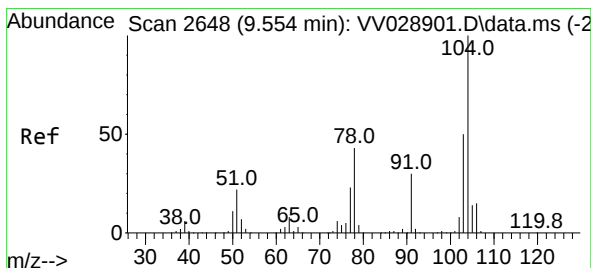
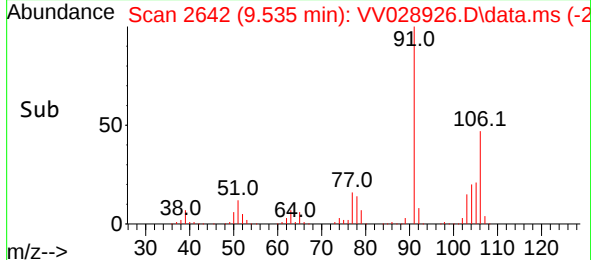
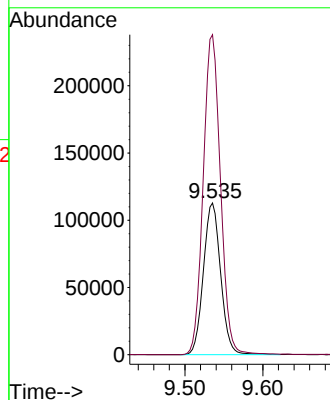
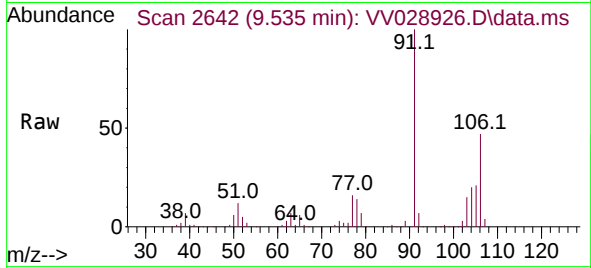




#54
o-Xylene
Concen: 5.231 ug/L
RT: 9.535 min Scan# 2643
Delta R.T. -0.003 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

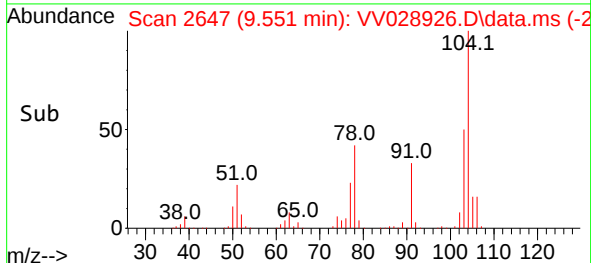
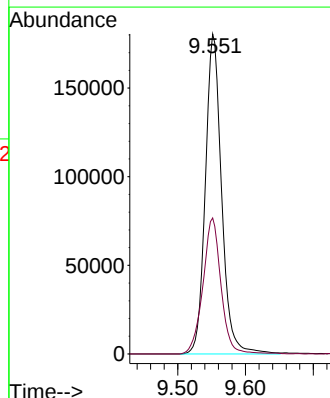
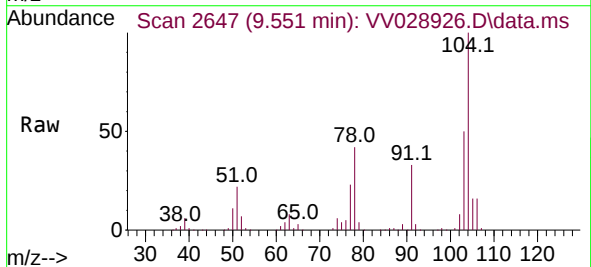
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

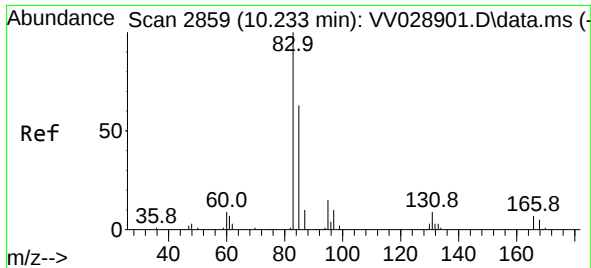
Tgt Ion:106 Resp: 173386
Ion Ratio Lower Upper
106 100
91 210.9 145.7 270.7



#55
Styrene
Concen: 5.413 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.003 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

Tgt Ion:104 Resp: 300925
Ion Ratio Lower Upper
104 100
78 42.5 30.1 55.9

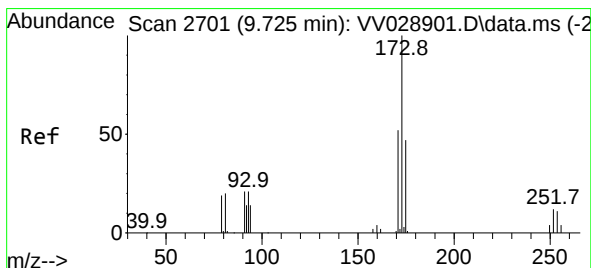
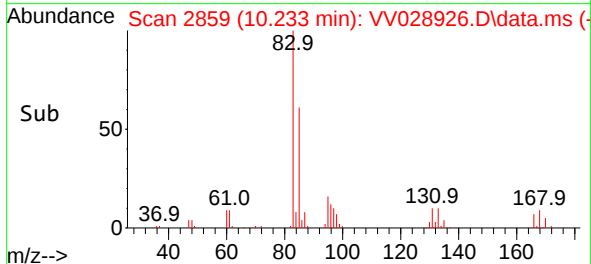
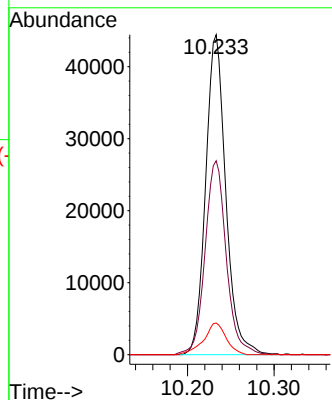
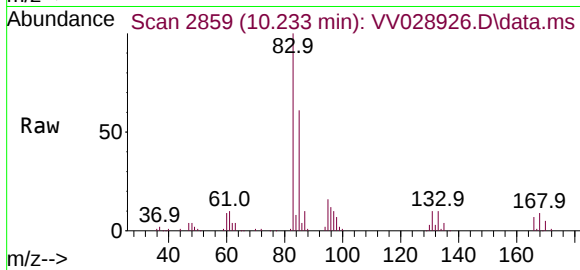




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.233 ug/L
 RT: 10.233 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV028926.D
 Acq: 14 Nov 2022 10:01

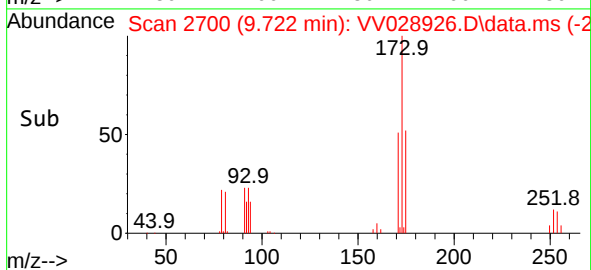
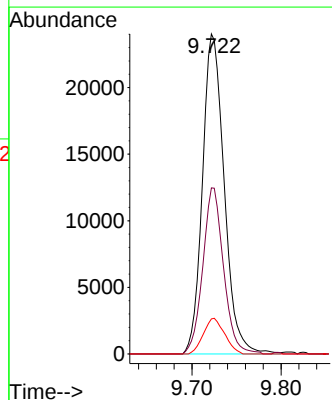
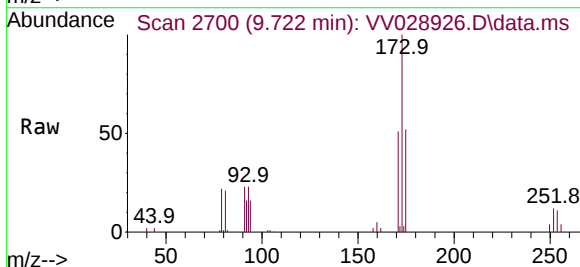
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005344

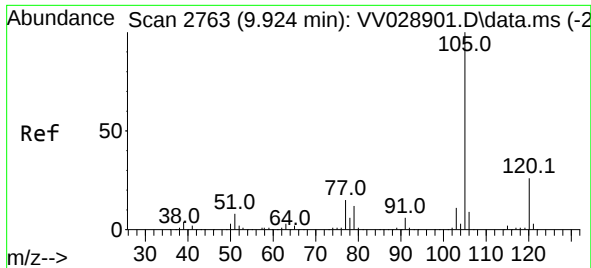
Tgt Ion: 83 Resp: 71769
 Ion Ratio Lower Upper
 83 100
 85 60.6 45.2 84.0
 131 9.9 7.5 11.3



#59
 Bromoform
 Concen: 5.704 ug/L
 RT: 9.722 min Scan# 2700
 Delta R.T. -0.003 min
 Lab File: VV028926.D
 Acq: 14 Nov 2022 10:01

Tgt Ion: 173 Resp: 40784
 Ion Ratio Lower Upper
 173 100
 175 49.5 38.2 57.4
 254 10.8 8.5 12.7

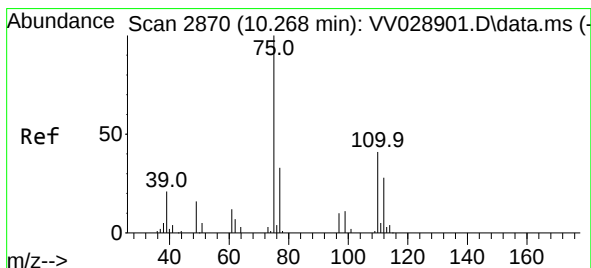
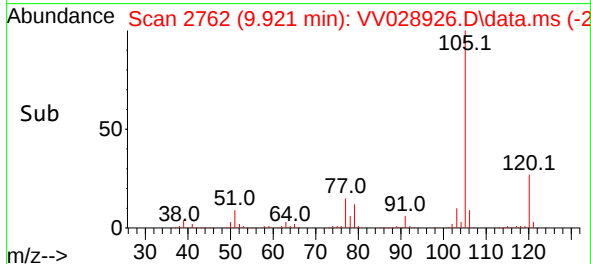
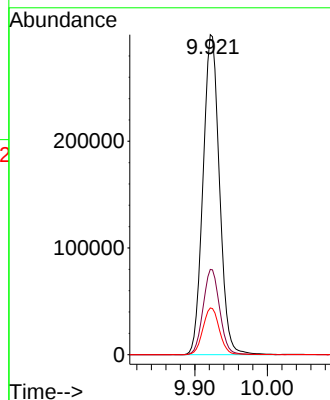
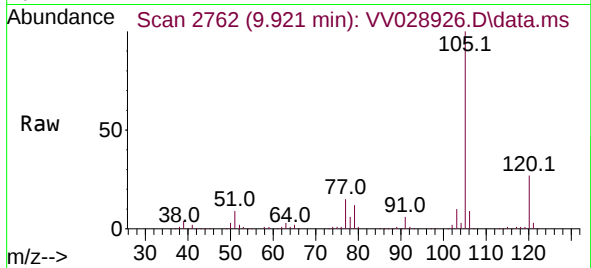




#60
Isopropylbenzene
Concen: 5.551 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

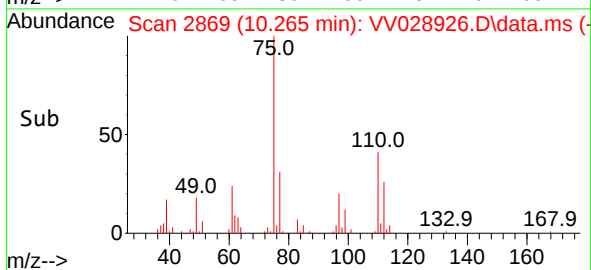
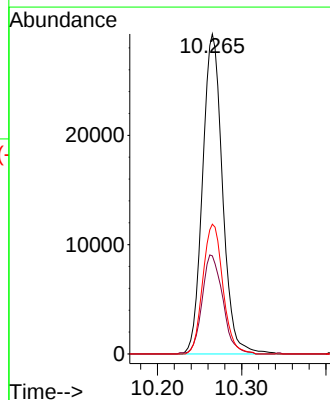
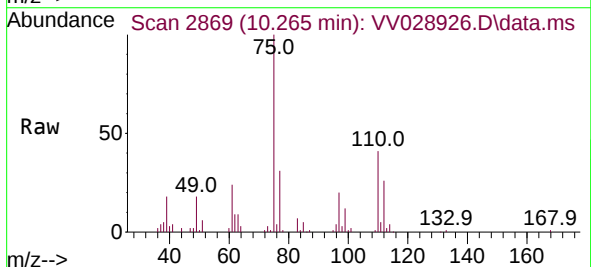
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

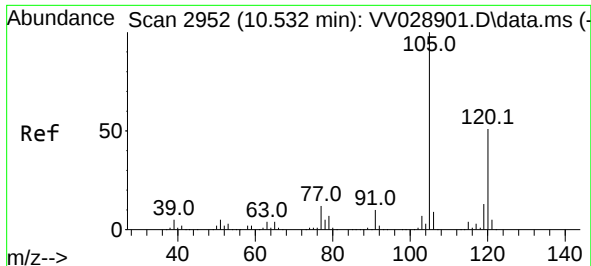
Tgt Ion:105 Resp: 472570
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9
77 14.7 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.375 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.003 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

Tgt Ion: 75 Resp: 48174
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.2
110 41.0 32.6 48.8





#62

1,3,5-Trimethylbenzene

Concen: 5.537 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VV028926.D

Acq: 14 Nov 2022 10:01

Instrument :

MSVOA_V

ClientSampleId :

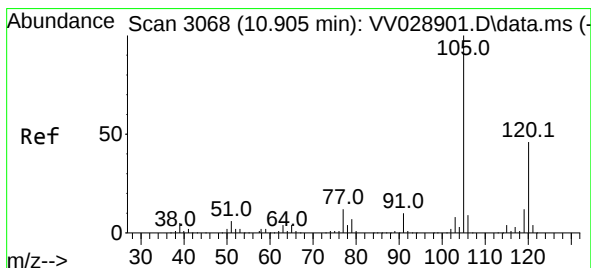
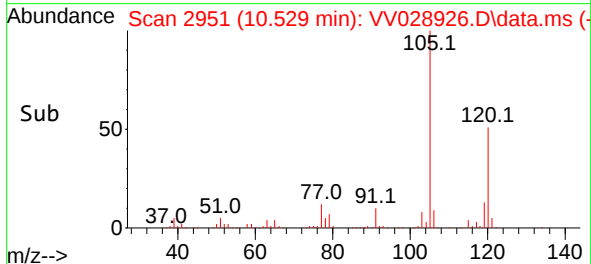
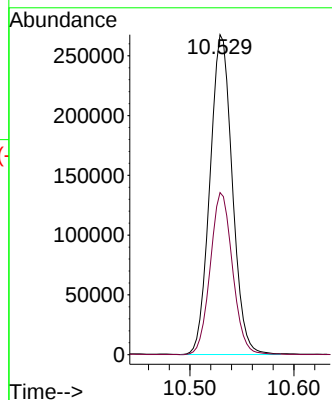
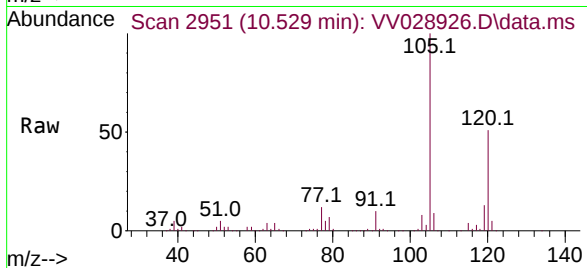
VSTD005344

Tgt Ion:105 Resp: 399311

Ion Ratio Lower Upper

105 100

120 50.7 39.9 59.9



#63

1,2,4-Trimethylbenzene

Concen: 5.601 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. 0.000 min

Lab File: VV028926.D

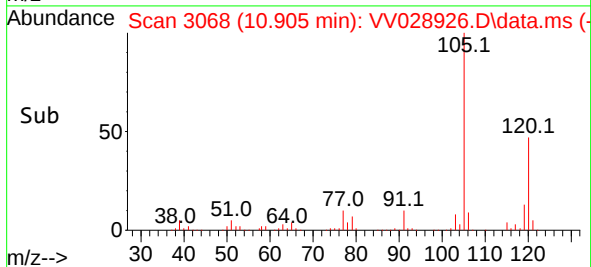
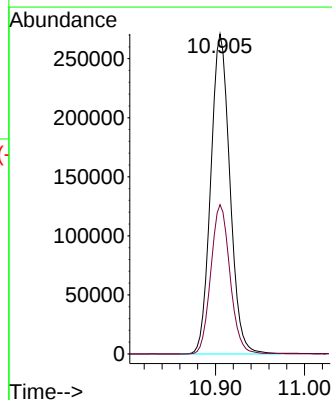
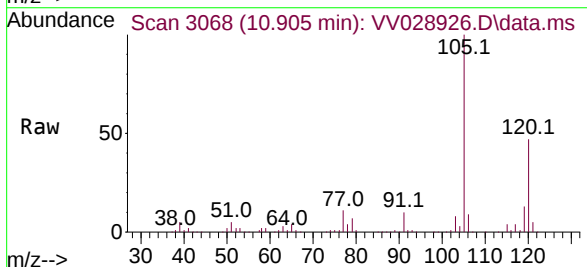
Acq: 14 Nov 2022 10:01

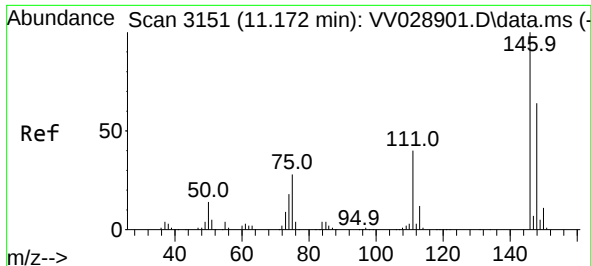
Tgt Ion:105 Resp: 404653

Ion Ratio Lower Upper

105 100

120 46.7 37.8 56.8

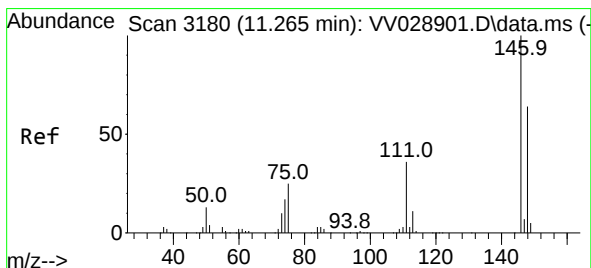
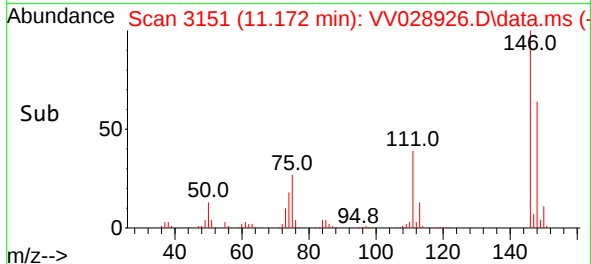
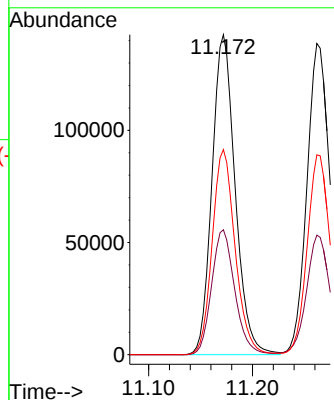
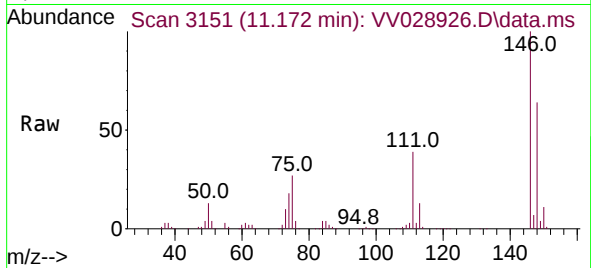




#64
1,3-Dichlorobenzene
Concen: 5.514 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

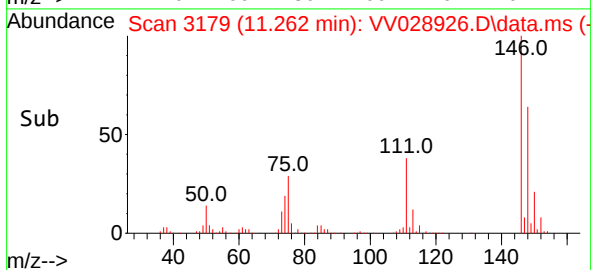
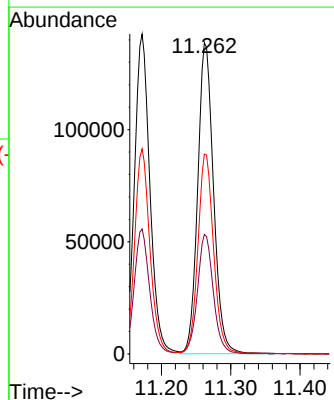
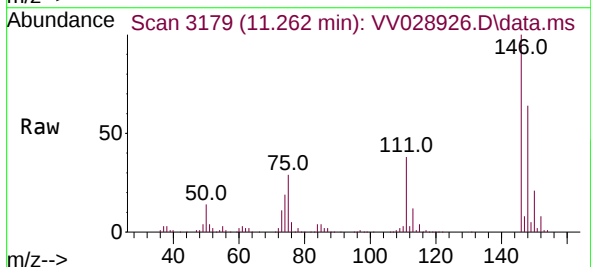
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

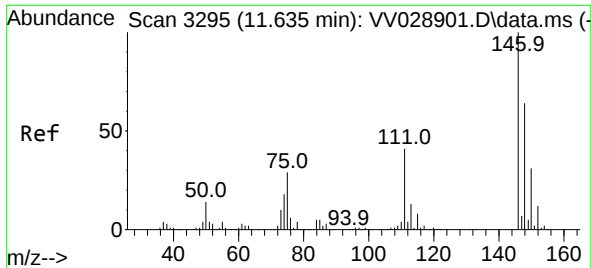
Tgt Ion:146 Resp: 220583
Ion Ratio Lower Upper
146 100
111 39.0 26.9 50.1
148 64.1 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.487 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.003 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

Tgt Ion:146 Resp: 220646
Ion Ratio Lower Upper
146 100
111 38.4 26.5 49.3
148 64.2 44.5 82.7

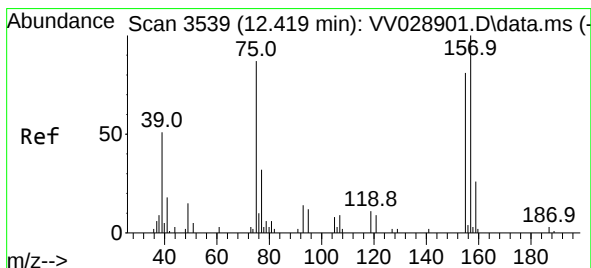
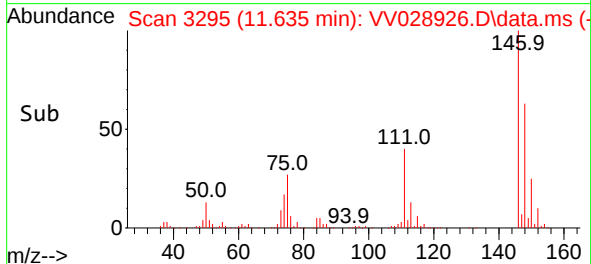
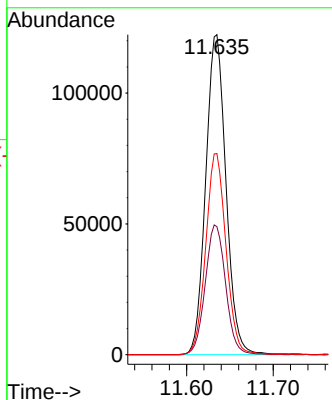
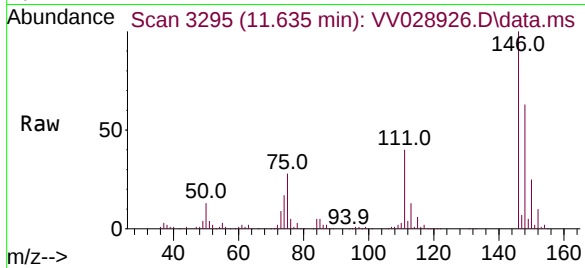




#67
1,2-Dichlorobenzene
Concen: 5.539 ug/L
RT: 11.635 min Scan# 3295
Delta R.T. 0.000 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

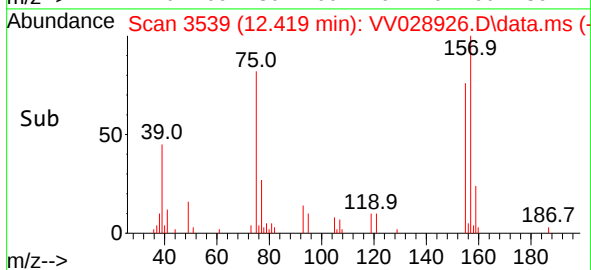
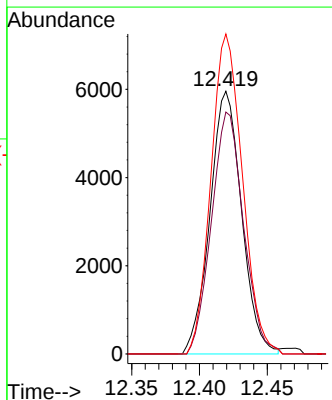
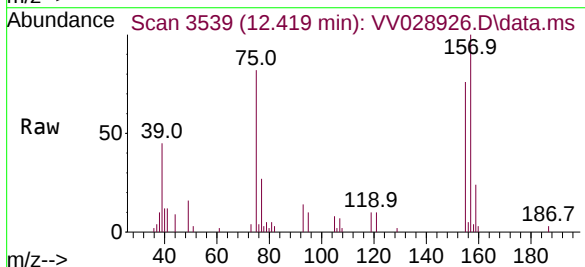
Instrument :
MSVOA_V
ClientSampleId :
VSTD005344

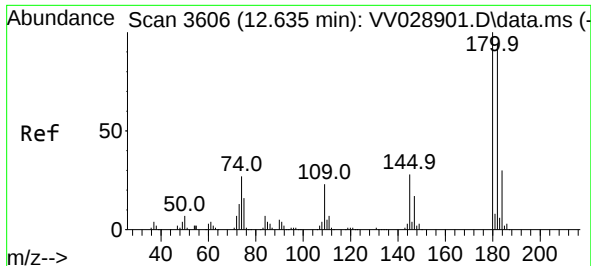
Tgt Ion:146 Resp: 199070
Ion Ratio Lower Upper
146 100
111 40.0 32.4 48.6
148 62.8 49.4 74.2



#68
1,2-Dibromo-3-chloropropane
Concen: 5.483 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. 0.000 min
Lab File: VV028926.D
Acq: 14 Nov 2022 10:01

Tgt Ion: 75 Resp: 9669
Ion Ratio Lower Upper
75 100
155 92.1 64.8 97.2
157 121.8 86.3 129.5





#69

1,3,5-Trichlorobenzene

Concen: 5.565 ug/L

RT: 12.635 min Scan# 3606

Delta R.T. 0.000 min

Lab File: VV028926.D

Acq: 14 Nov 2022 10:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD005344

Tgt Ion:180 Resp: 171743

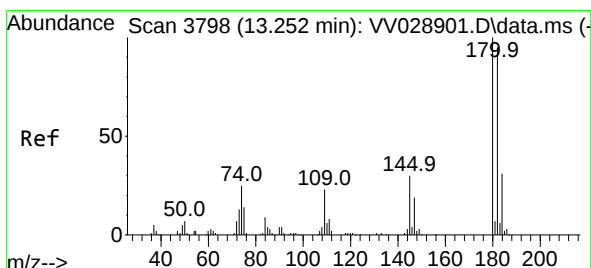
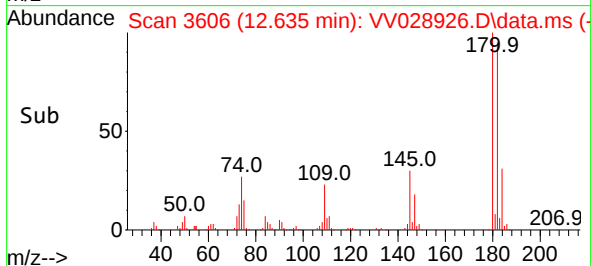
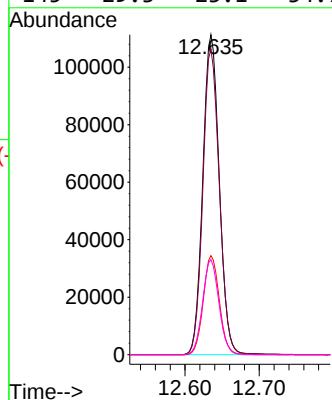
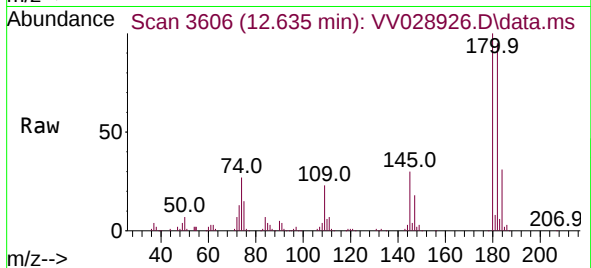
Ion Ratio Lower Upper

180 100

182 95.3 76.7 115.1

184 30.1 24.0 36.0

145 29.3 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 5.735 ug/L

RT: 13.252 min Scan# 3798

Delta R.T. 0.000 min

Lab File: VV028926.D

Acq: 14 Nov 2022 10:01

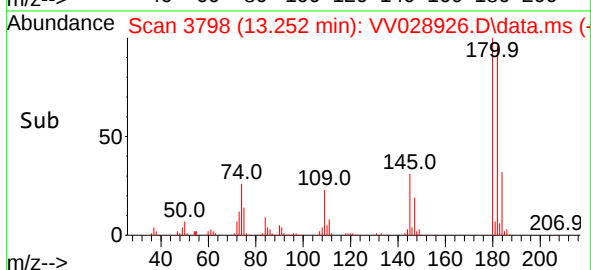
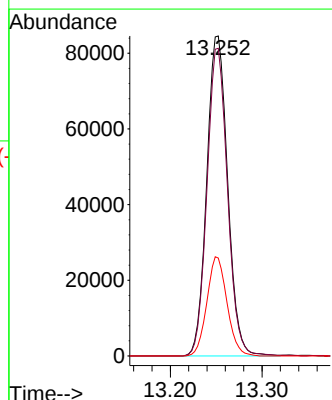
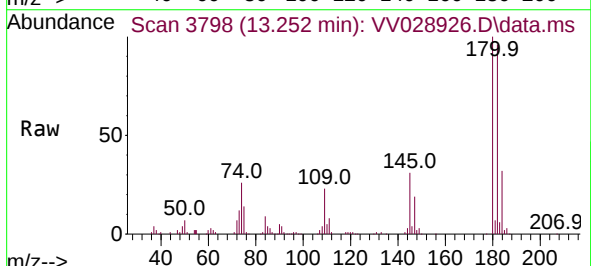
Tgt Ion:180 Resp: 133881

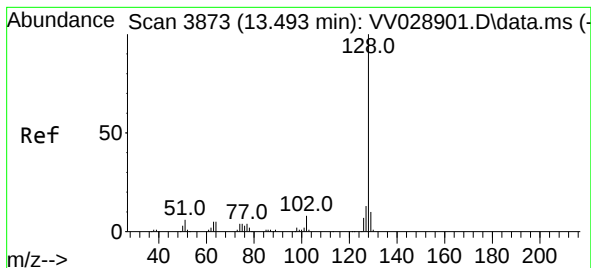
Ion Ratio Lower Upper

180 100

182 94.4 74.3 111.5

145 29.8 23.7 35.5





#71

Naphthalene

Concen: 5.418 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV028926.D

Acq: 14 Nov 2022 10:01

Instrument :

MSVOA_V

ClientSampleId :

VSTD005344

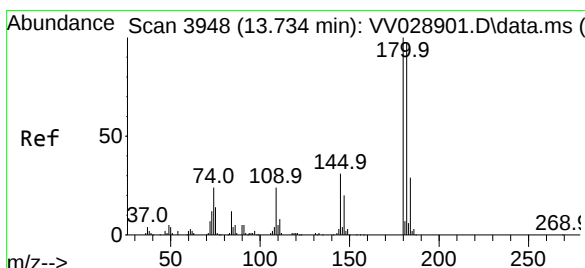
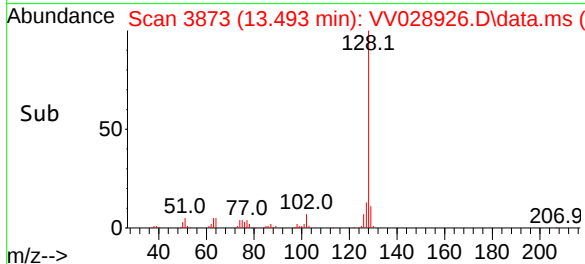
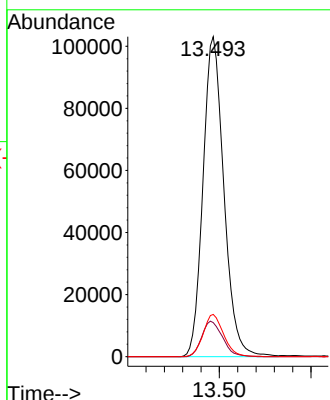
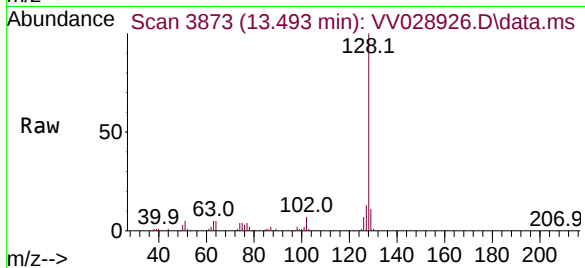
Tgt Ion:128 Resp: 163181

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.0 9.8 14.8



#72

1,2,3-Trichlorobenzene

Concen: 5.657 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. -0.003 min

Lab File: VV028926.D

Acq: 14 Nov 2022 10:01

Tgt Ion:180 Resp: 111850

Ion Ratio Lower Upper

180 100

182 94.1 75.4 113.2

145 31.2 24.9 37.3

