

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029079.D
 Acq On : 17 Nov 2022 21:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005353

Quant Time: Nov 18 01:46:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 01:37:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	288983	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	264724	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	138197	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	67336	3.822	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.568	69	56385	3.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	2.111	63	130267	4.057	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.200%
20) 2-Butanone-d5	3.902	46	97174	32.950	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	65.900%
24) Chloroform-d	4.346	84	163075	4.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.034	65	71124	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.400%
32) Benzene-d6	5.050	84	329146	4.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.069	67	92225	4.180	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.314	98	321762	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	7.622	79	28349	3.939	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.800%
46) 2-Hexanone-d5	8.088	63	145377	47.328	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.660%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	72568	4.744	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	123962	5.014	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	111895	4.645	ug/L	99
3) Chloromethane	1.240	50	84832	4.243	ug/L	99
5) Vinyl chloride	1.311	62	97713	4.285	ug/L	94
6) Bromomethane	1.523	94	57899	4.248	ug/L	92
8) Chloroethane	1.587	64	56611	4.224	ug/L	91
9) Trichlorofluoromethane	1.754	101	151382	4.923	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	85056	4.885	ug/L	95
12) 1,1-Dichloroethene	2.121	96	85814	4.905	ug/L	90
13) Acetone	2.188	43	48472	25.551	ug/L	87
14) Carbon disulfide	2.294	76	265075	4.267	ug/L	99
15) Methyl Acetate	2.439	43	17411	3.782	ug/L	93
16) Methylene chloride	2.507	84	99016	4.377	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	183241	4.886	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	98483	4.854	ug/L	94
19) 1,1-Dichloroethane	3.188	63	159608	4.812	ug/L	99
21) 2-Butanone	3.986	43	102595	34.931	ug/L	100
22) cis-1,2-Dichloroethene	3.912	96	104302	5.057	ug/L	92
23) Bromochloromethane	4.246	128	45301	5.193	ug/L	93
25) Chloroform	4.375	83	172144	4.951	ug/L	96

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 ALS Vial : 26 Sample Multiplier: 1

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 ClientSampleId :
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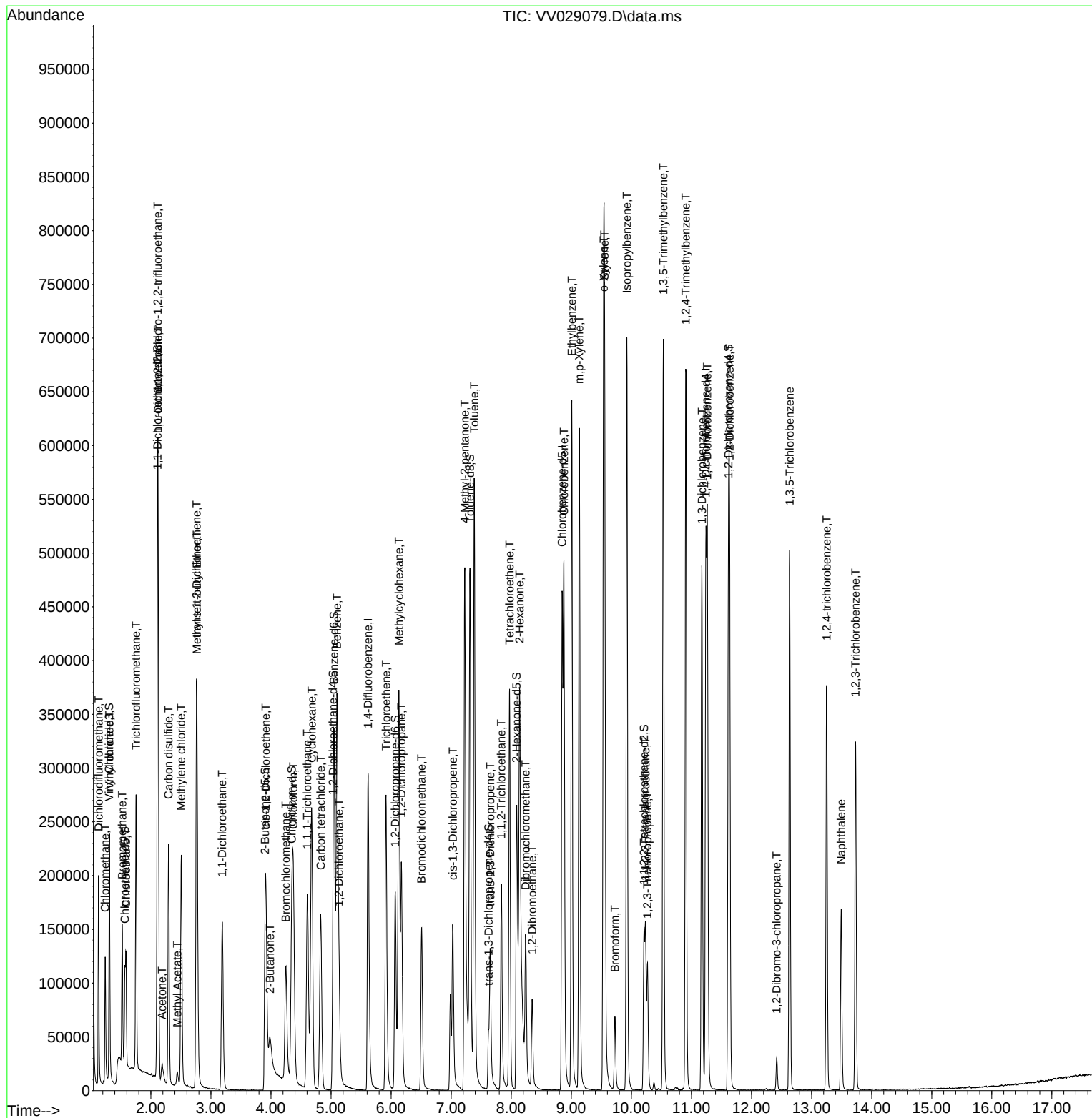
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	86820	4.848	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	151089	4.864	ug/L	98
30) Cyclohexane	4.677	56	144955	4.591	ug/L	97
31) Carbon tetrachloride	4.828	117	127799	4.777	ug/L	100
33) Benzene	5.098	78	395864	4.894	ug/L	100
34) Trichloroethene	5.915	95	101372	4.895	ug/L	96
35) Methylcyclohexane	6.130	83	167588	4.604	ug/L	97
37) 1,2-Dichloropropane	6.172	63	87766	4.705	ug/L	97
38) Bromodichloromethane	6.506	83	109768	4.646	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	107073	4.111	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	400544	49.906	ug/L	96
42) Toluene	7.384	91	433527	4.961	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	85766	4.242	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	67832	5.555	ug/L	97
47) Tetrachloroethene	7.973	164	90272	5.444	ug/L	96
48) 2-Hexanone	8.140	43	294944	52.461	ug/L	98
49) Dibromochloromethane	8.239	129	70982	4.808	ug/L	98
50) 1,2-Dibromoethane	8.349	107	63135	5.565	ug/L #	100
51) Chlorobenzene	8.876	112	284971	5.274	ug/L	99
52) Ethylbenzene	9.008	91	467835	5.142	ug/L	97
53) m,p-Xylene	9.133	106	187895	5.193	ug/L	100
54) o-Xylene	9.538	106	181801	5.285	ug/L	99
55) Styrene	9.555	104	309911	5.371	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.236	83	73816	5.186	ug/L	98
59) Bromoform	9.728	173	33611	4.461	ug/L	99
60) Isopropylbenzene	9.924	105	477956	5.328	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	50317	5.328	ug/L	98
62) 1,3,5-Trimethylbenzene	10.532	105	386207	5.082	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	380849	5.003	ug/L	100
64) 1,3-Dichlorobenzene	11.175	146	219595	5.210	ug/L	98
65) 1,4-Dichlorobenzene	11.265	146	216856	5.118	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	201642	5.325	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.419	75	7445	4.007	ug/L #	74
69) 1,3,5-Trichlorobenzene	12.635	180	167492	5.151	ug/L	99
70) 1,2,4-trichlorobenzene	13.252	180	124848	5.076	ug/L	98
71) Naphthalene	13.493	128	144175	4.543	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	107336	5.153	ug/L	99

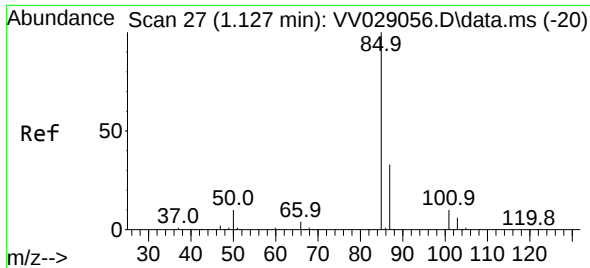
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Instrument :
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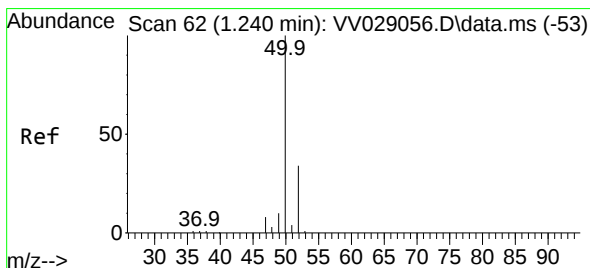
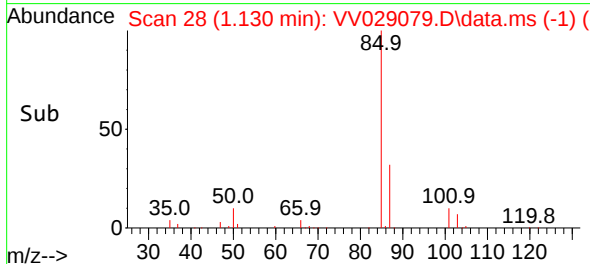
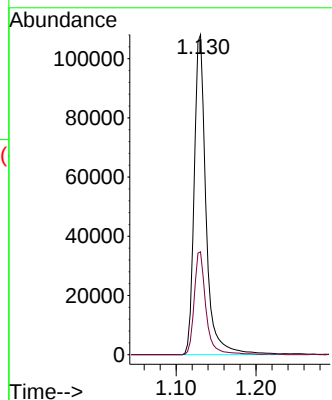
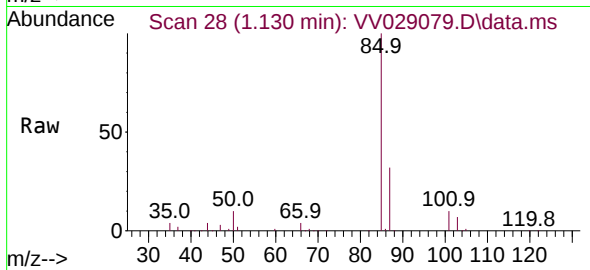




#2
 Dichlorodifluoromethane
 Concen: 4.645 ug/L
 RT: 1.130 min Scan# 27
 Delta R.T. 0.003 min
 Lab File: VV029079.D
 Acq: 17 Nov 2022 21:19

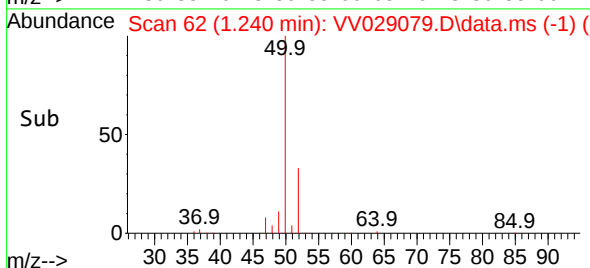
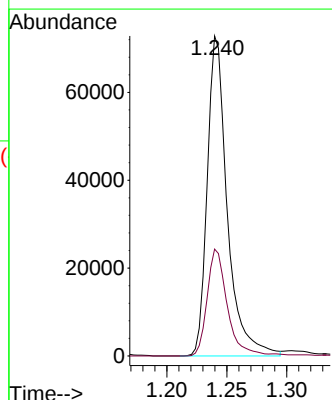
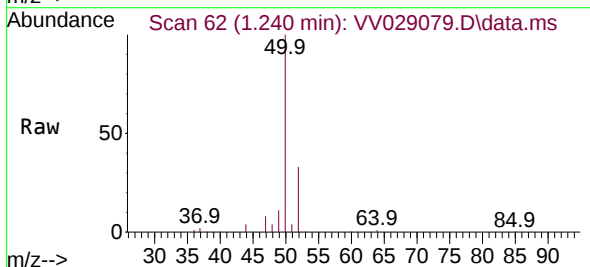
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005353

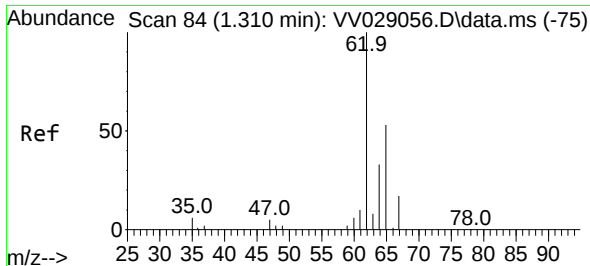
Tgt Ion: 85 Resp: 111895
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.0 37.4



#3
 Chloromethane
 Concen: 4.243 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.000 min
 Lab File: VV029079.D
 Acq: 17 Nov 2022 21:19

Tgt Ion: 50 Resp: 84832
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.7 43.9

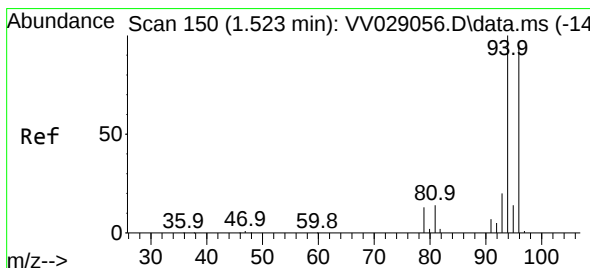
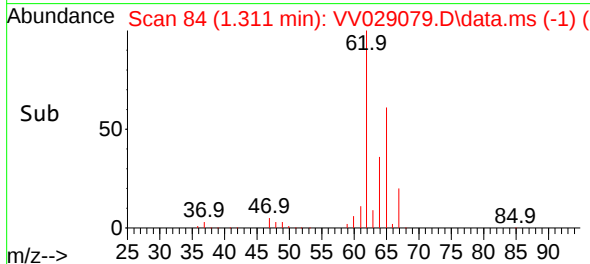
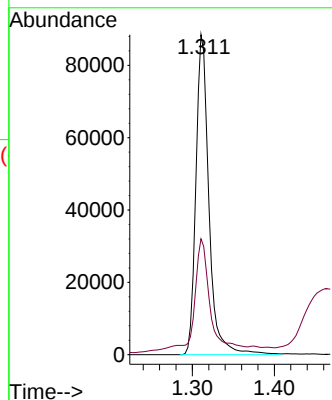
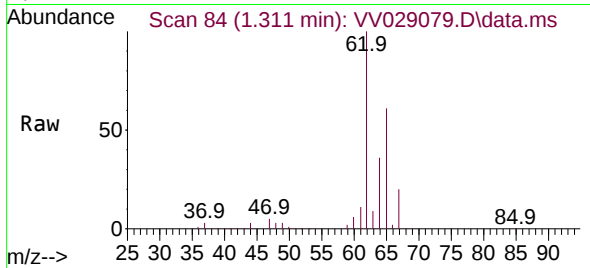




#5
 Vinyl chloride
 Concen: 4.285 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV029079.D
 Acq: 17 Nov 2022 21:19

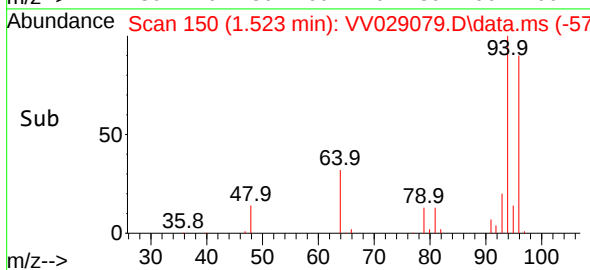
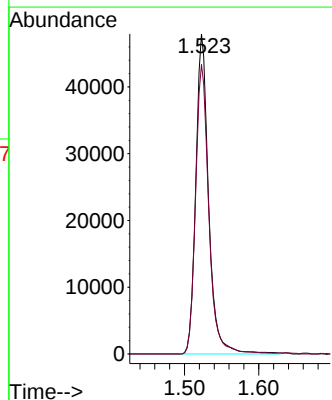
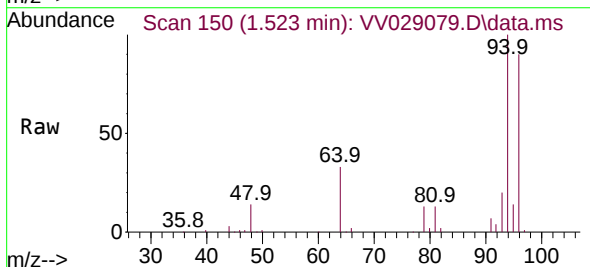
Instrument :
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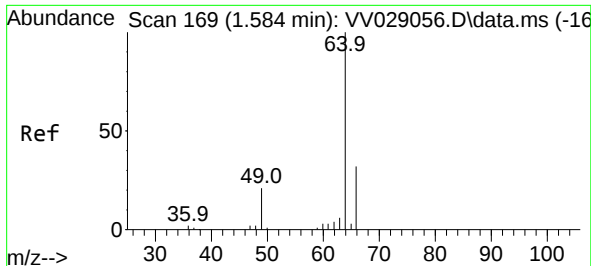
Tgt Ion: 62 Resp: 97713
 Ion Ratio Lower Upper
 62 100
 64 36.2 22.8 42.4



#6
 Bromomethane
 Concen: 4.248 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.000 min
 Lab File: VV029079.D
 Acq: 17 Nov 2022 21:19

Tgt Ion: 94 Resp: 57899
 Ion Ratio Lower Upper
 94 100
 96 90.4 68.5 127.3

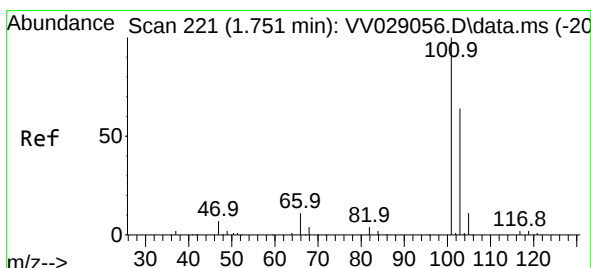
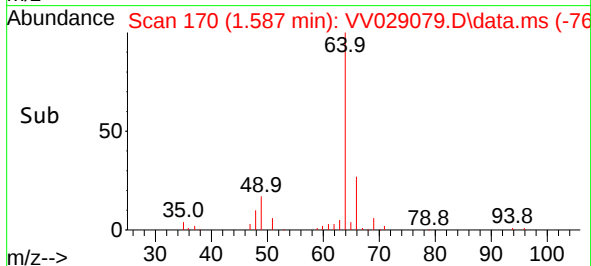
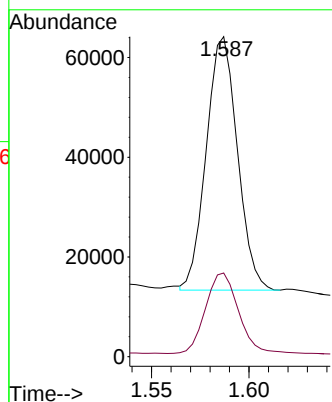
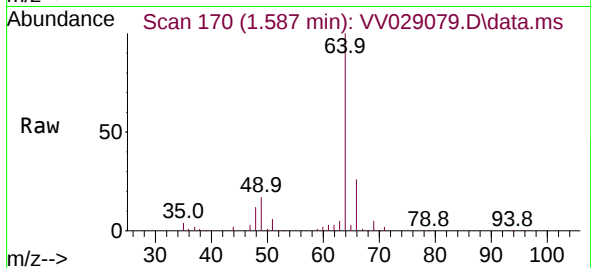




#8
Chloroethane
Concen: 4.224 ug/L
RT: 1.587 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

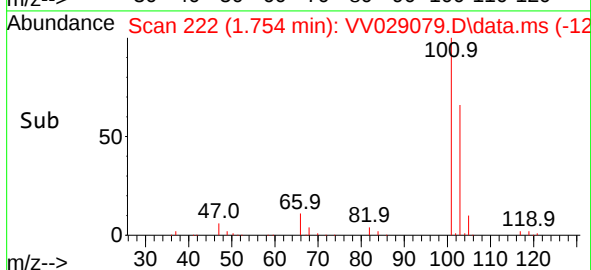
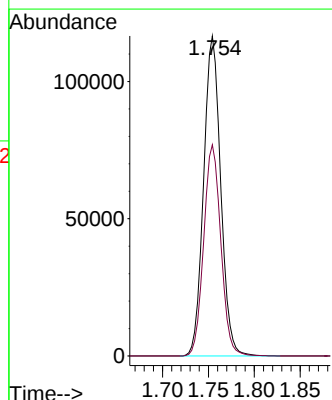
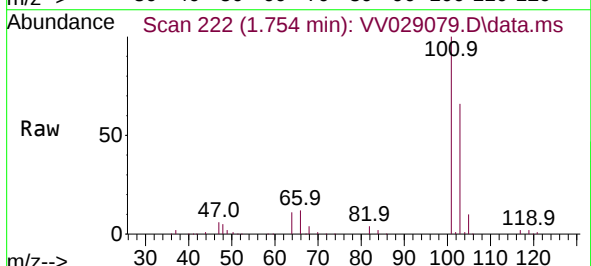
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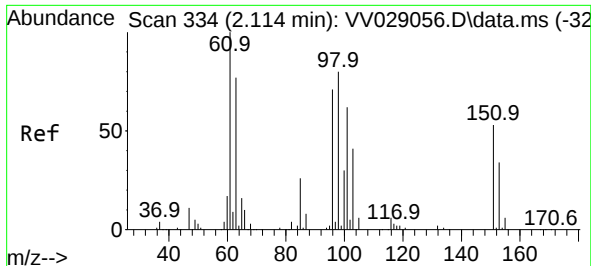
Tgt Ion: 64 Resp: 56611
Ion Ratio Lower Upper
64 100
66 26.2 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.923 ug/L
RT: 1.754 min Scan# 222
Delta R.T. 0.003 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

Tgt Ion: 101 Resp: 151382
Ion Ratio Lower Upper
101 100
103 66.0 51.3 76.9

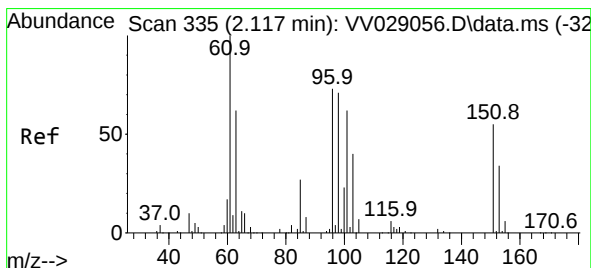
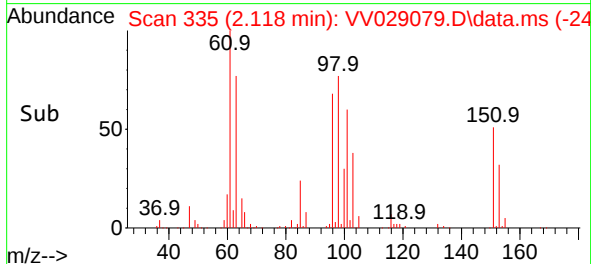
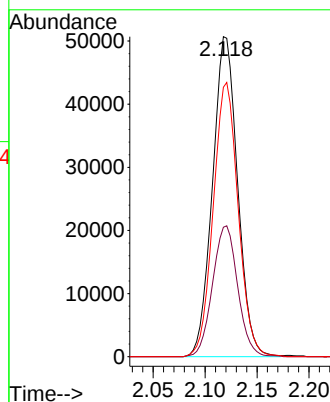
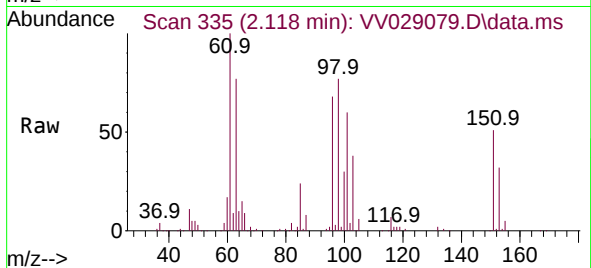




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.885 ug/L
 RT: 2.118 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VV029079.D
 Acq: 17 Nov 2022 21:19

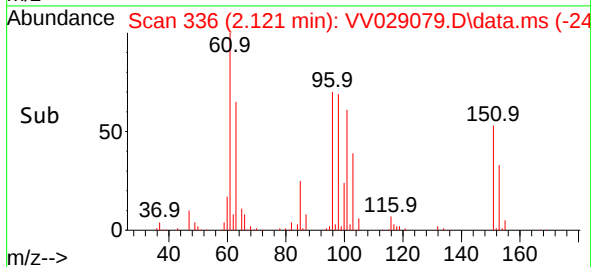
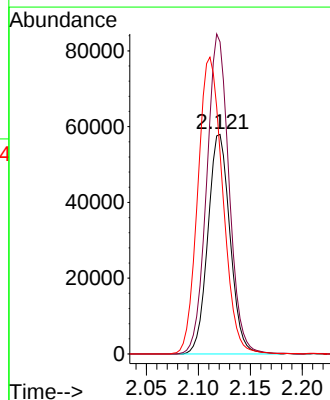
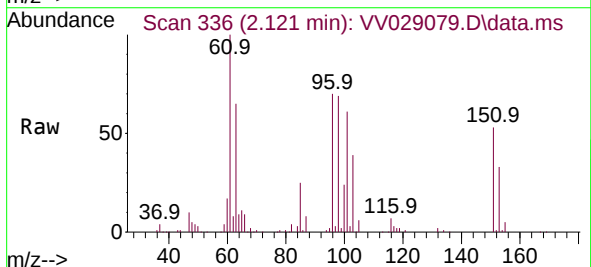
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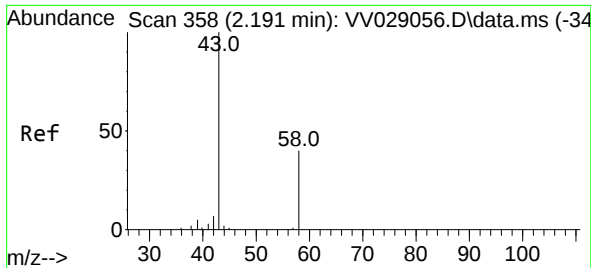
Tgt Ion:101 Resp: 85056
 Ion Ratio Lower Upper
 101 100
 85 41.0 32.9 49.3
 151 85.1 62.5 93.7



#12
 1,1-Dichloroethene
 Concen: 4.905 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV029079.D
 Acq: 17 Nov 2022 21:19

Tgt Ion: 96 Resp: 85814
 Ion Ratio Lower Upper
 96 100
 61 142.1 104.2 193.4
 63 91.8 75.9 140.9





#13

Acetone

Concen: 25.551 ug/L

RT: 2.188 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV029079.D

Acq: 17 Nov 2022 21:19

Instrument :

MSVOA_V

ClientSampleId :

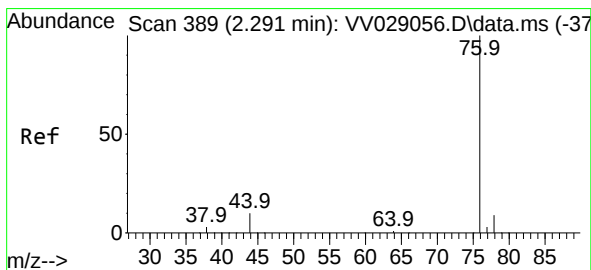
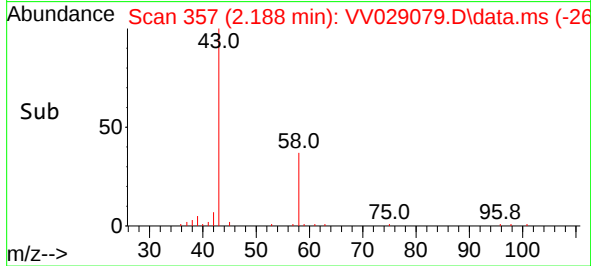
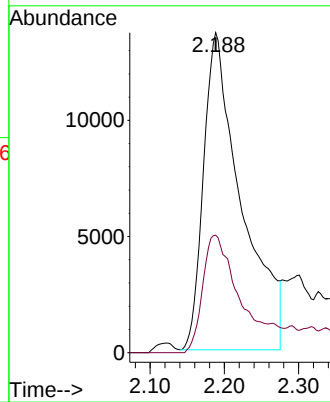
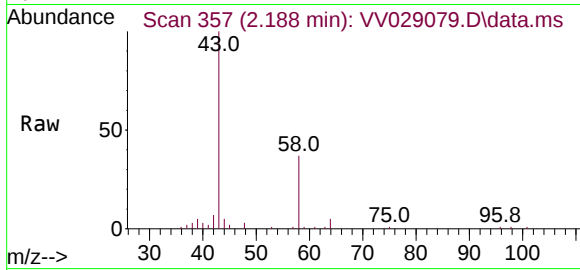
VSTD005353

Tgt Ion: 43 Resp: 48472

Ion Ratio Lower Upper

43 100

58 35.1 0.0 56.6



#14

Carbon disulfide

Concen: 4.267 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV029079.D

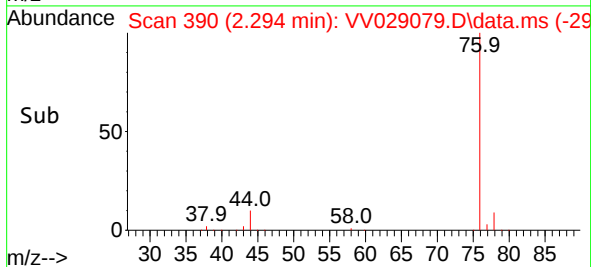
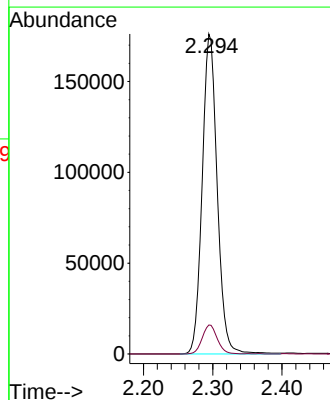
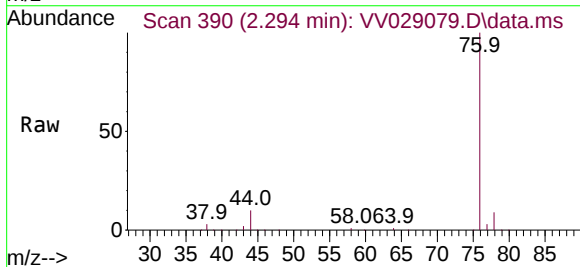
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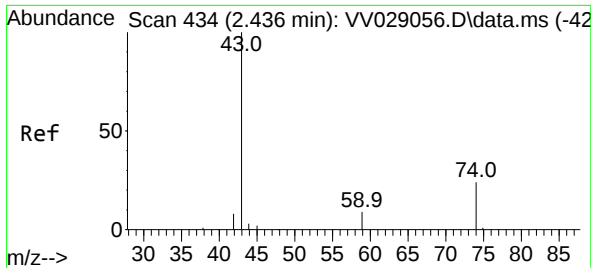
Tgt Ion: 76 Resp: 265075

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.2

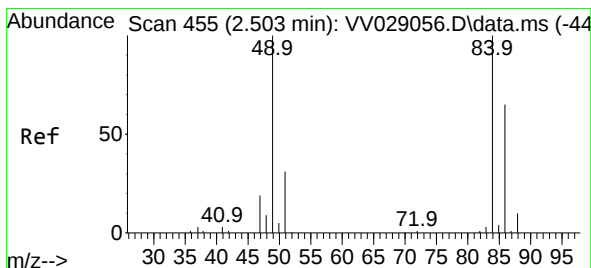
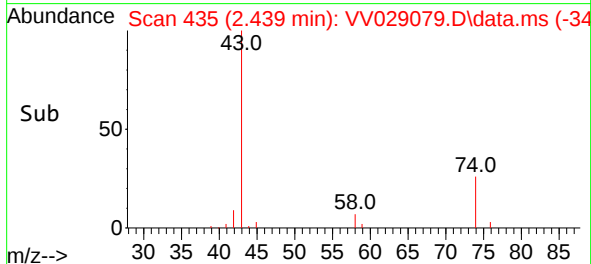
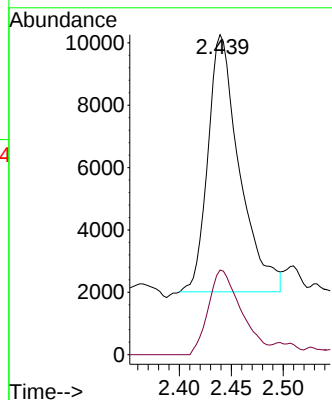
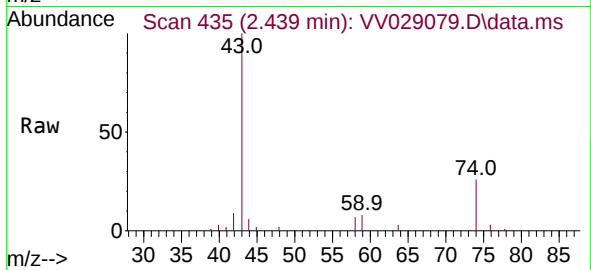




#15
Methyl Acetate
Concen: 3.782 ug/L
RT: 2.439 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

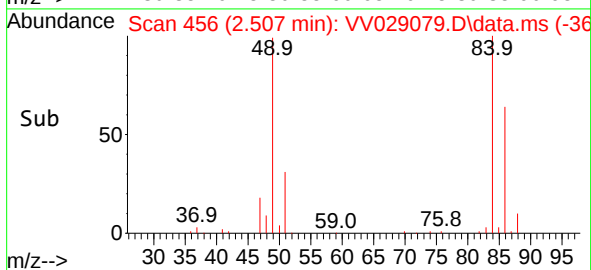
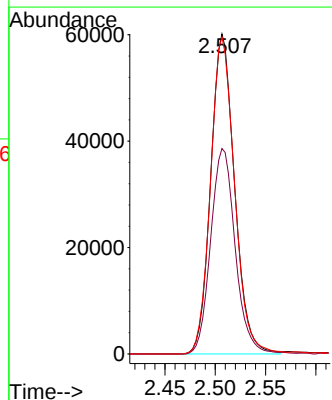
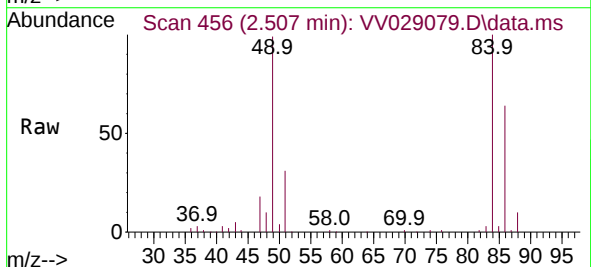
Instrument :
MSVOA_V
ClientSampleId :
VSTD005353

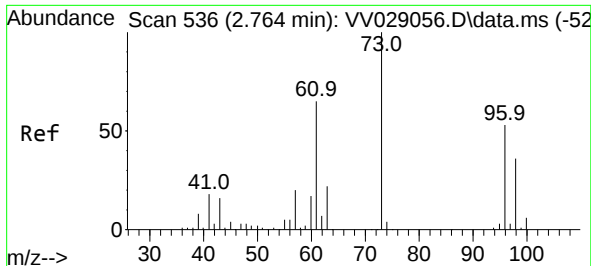
Tgt Ion: 43 Resp: 17411
Ion Ratio Lower Upper
43 100
74 34.5 24.6 37.0



#16
Methylene chloride
Concen: 4.377 ug/L
RT: 2.507 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

Tgt Ion: 84 Resp: 99016
Ion Ratio Lower Upper
84 100
86 64.2 45.8 85.0
49 99.0 75.5 140.1

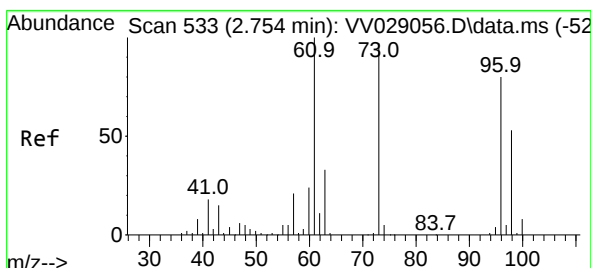
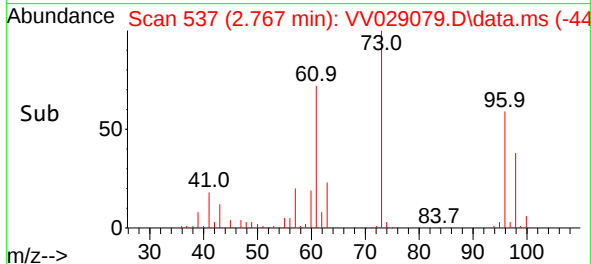
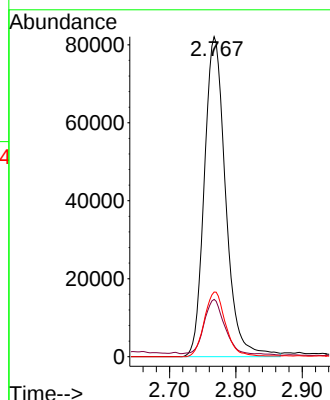
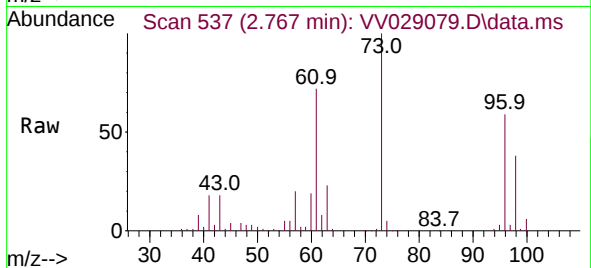




#17
Methyl tert-butyl Ether
Concen: 4.886 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

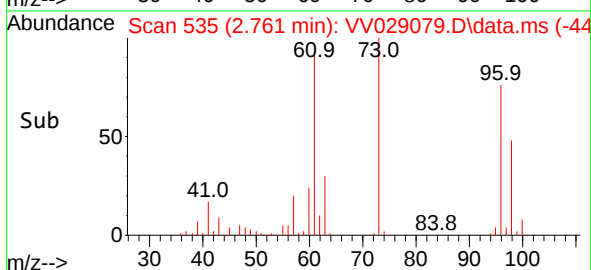
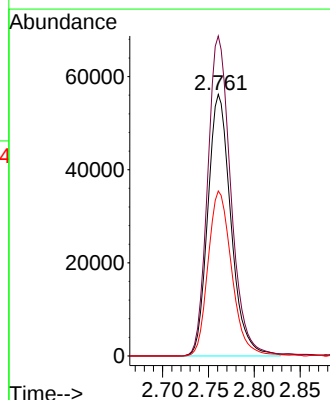
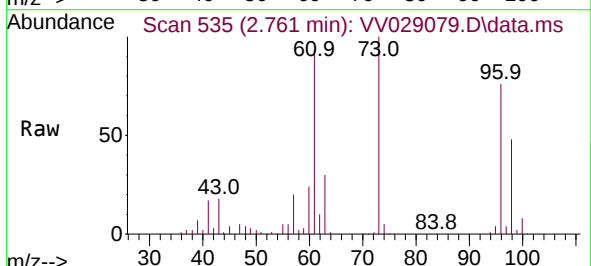
Instrument :
MSVOA_V
ClientSampleId :
VSTD005353

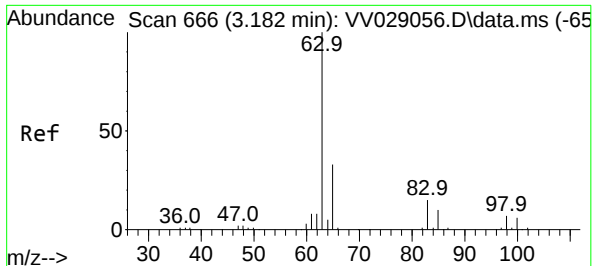
Tgt Ion: 73 Resp: 183241
Ion Ratio Lower Upper
73 100
43 16.0 13.0 19.4
57 20.2 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 4.854 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.007 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

Tgt Ion: 96 Resp: 98483
Ion Ratio Lower Upper
96 100
61 122.3 91.8 170.6
98 63.1 46.4 86.2





#19

1,1-Dichloroethane

Concen: 4.812 ug/L

RT: 3.188 min Scan# 6

Delta R.T. 0.007 min

Lab File: VV029079.D

Acq: 17 Nov 2022 21:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD005353

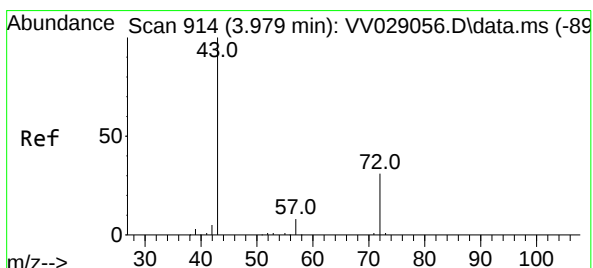
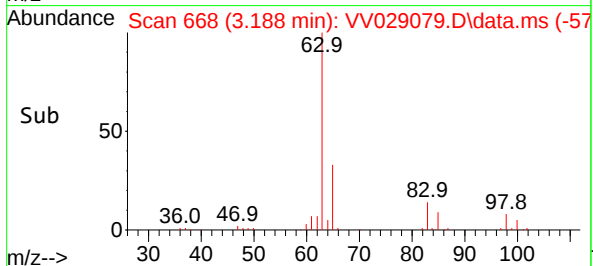
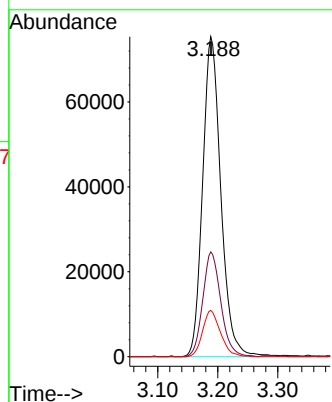
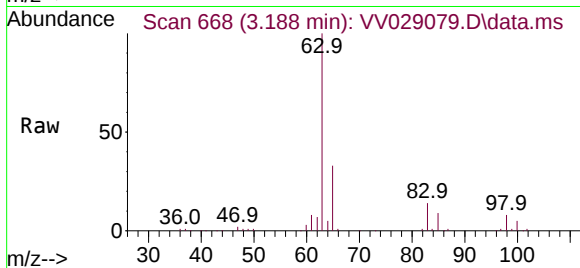
Tgt Ion: 63 Resp: 159608

Ion Ratio Lower Upper

63 100

65 32.7 23.0 42.6

83 14.5 9.4 17.6



#21

2-Butanone

Concen: 34.931 ug/L

RT: 3.986 min Scan# 916

Delta R.T. 0.007 min

Lab File: VV029079.D

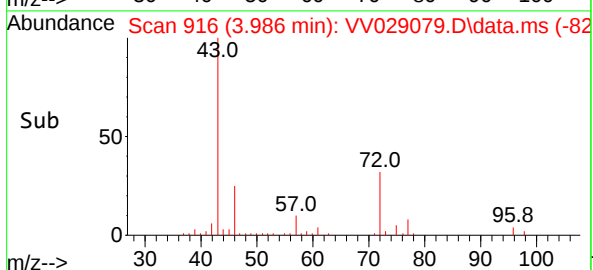
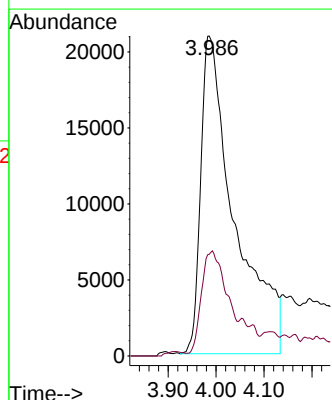
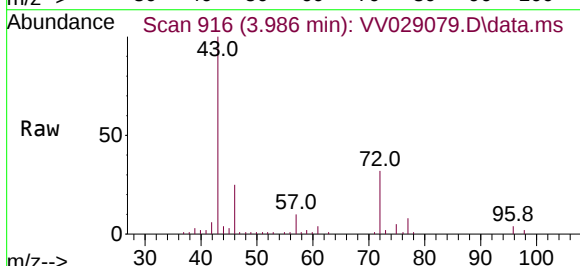
Acq: 17 Nov 2022 21:19

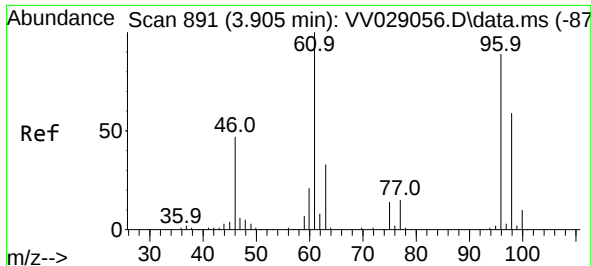
Tgt Ion: 43 Resp: 102595

Ion Ratio Lower Upper

43 100

72 24.0 11.9 35.9

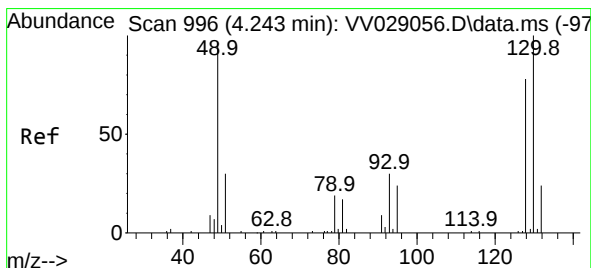
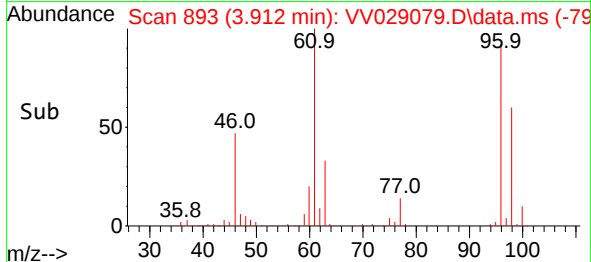
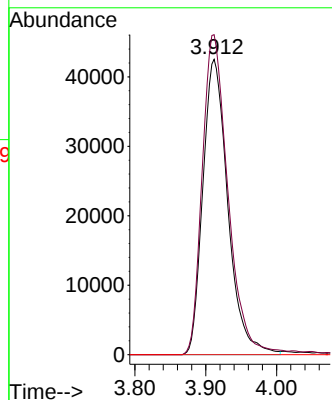
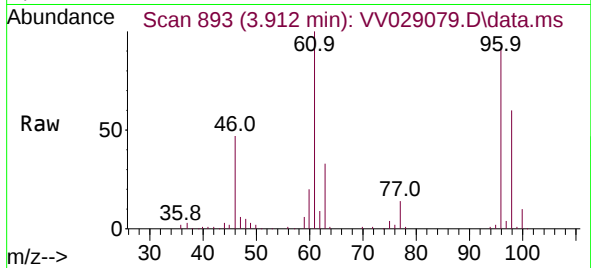




#22
 cis-1,2-Dichloroethene
 Concen: 5.057 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.007 min
 Lab File: VV029079.D
 Acq: 17 Nov 2022 21:19

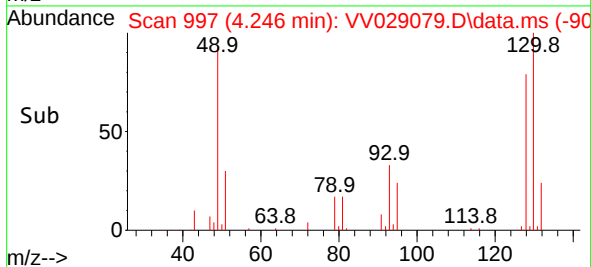
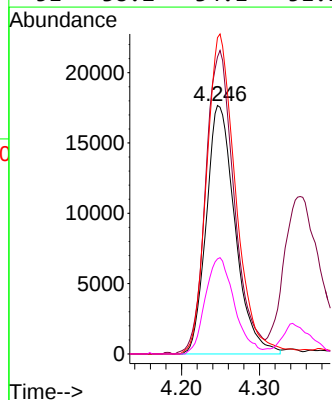
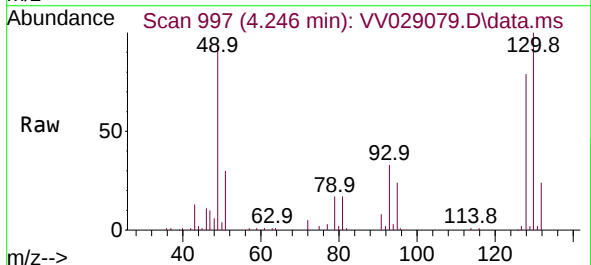
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005353

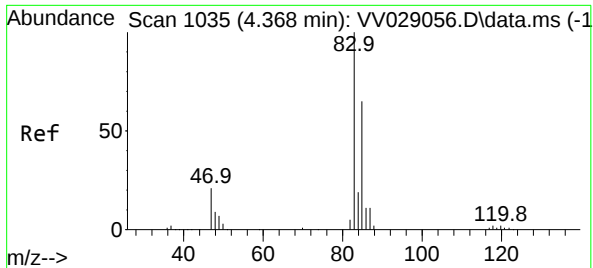
Tgt Ion: 96 Resp: 104302
 Ion Ratio Lower Upper
 96 100
 61 108.3 82.3 152.9
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.193 ug/L
 RT: 4.246 min Scan# 997
 Delta R.T. 0.003 min
 Lab File: VV029079.D
 Acq: 17 Nov 2022 21:19

Tgt Ion: 128 Resp: 45301
 Ion Ratio Lower Upper
 128 100
 49 119.5 89.5 166.1
 130 127.3 84.4 156.8
 51 38.2 34.1 51.1

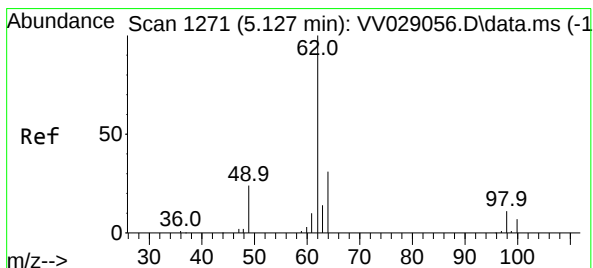
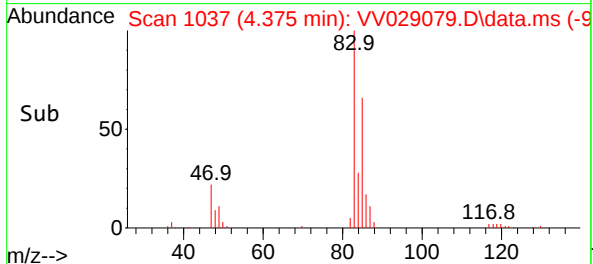
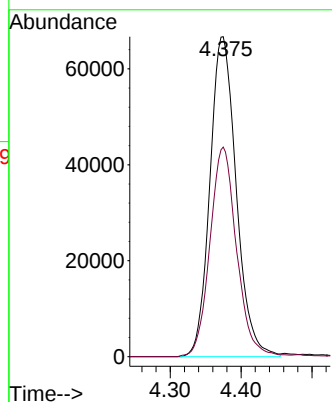
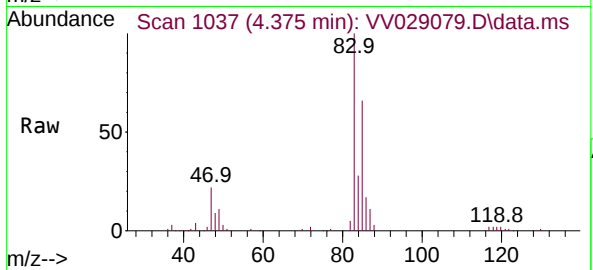




#25
Chloroform
Concen: 4.951 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

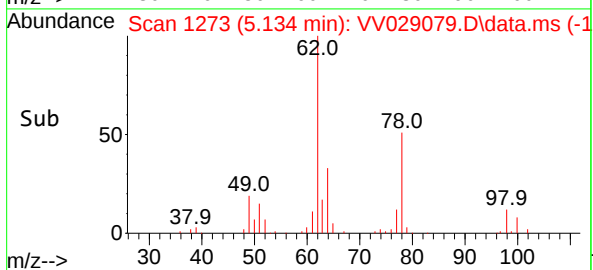
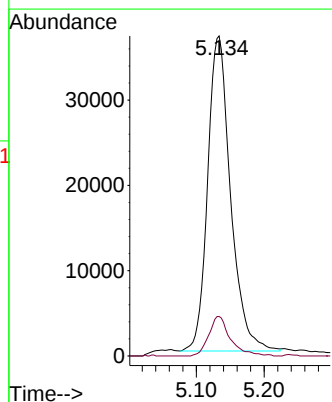
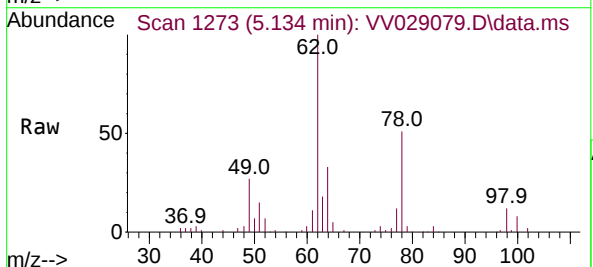
Instrument :
MSVOA_V
ClientSampleId :
VSTD005353

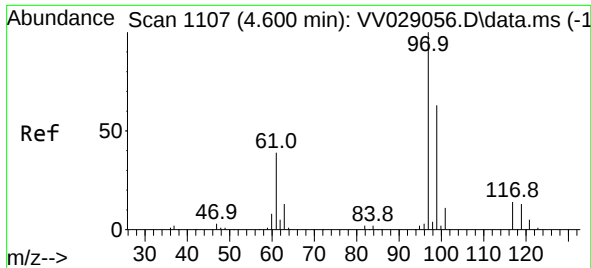
Tgt Ion: 83 Resp: 172144
Ion Ratio Lower Upper
83 100
85 65.5 43.7 81.1



#27
1,2-Dichloroethane
Concen: 4.848 ug/L
RT: 5.134 min Scan# 1273
Delta R.T. 0.007 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

Tgt Ion: 62 Resp: 86820
Ion Ratio Lower Upper
62 100
98 12.4 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 4.864 ug/L

RT: 4.606 min Scan# 1107

Delta R.T. 0.007 min

Lab File: VV029079.D

Acq: 17 Nov 2022 21:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD005353

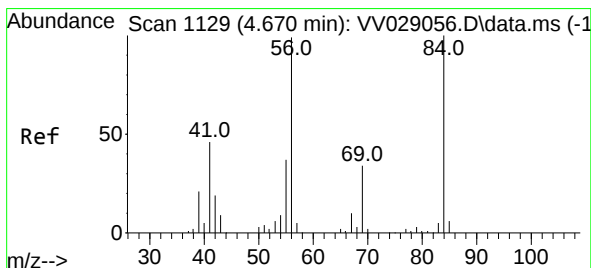
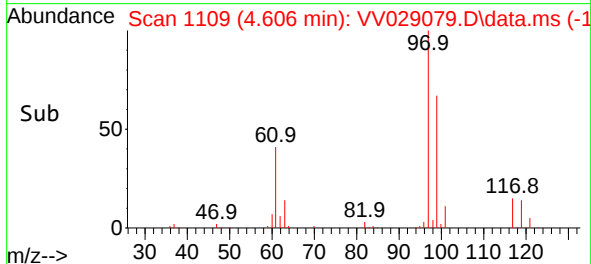
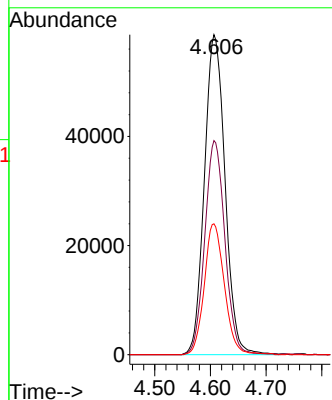
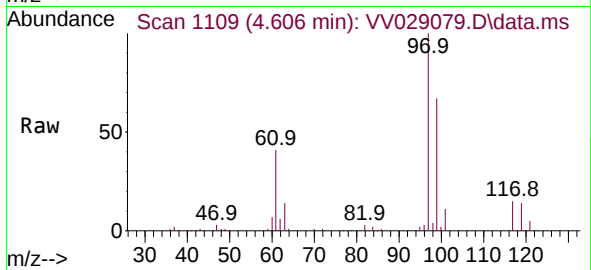
Tgt Ion: 97 Resp: 151089

Ion Ratio Lower Upper

97 100

99 65.4 52.7 79.1

61 39.6 33.8 50.6



#30

Cyclohexane

Concen: 4.591 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. 0.007 min

Lab File: VV029079.D

Acq: 17 Nov 2022 21:19

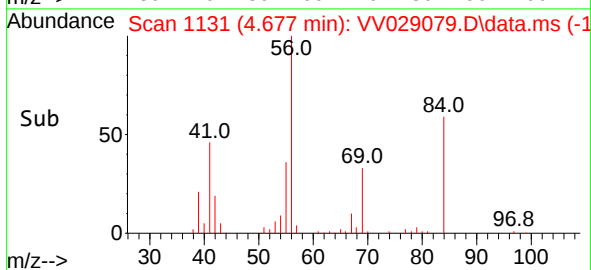
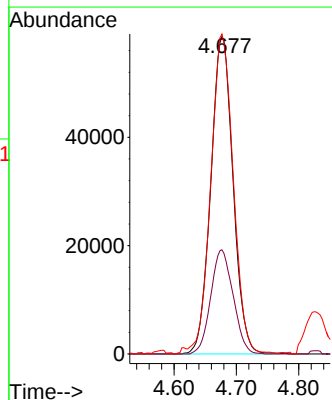
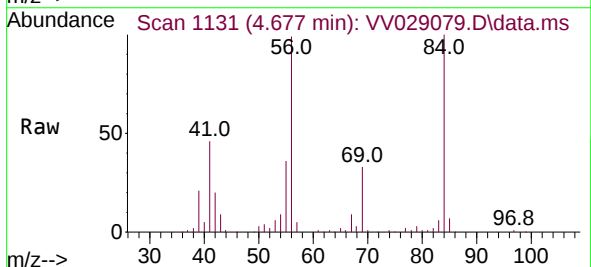
Tgt Ion: 56 Resp: 144955

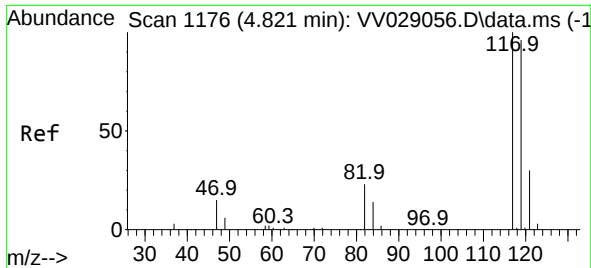
Ion Ratio Lower Upper

56 100

69 33.0 26.1 39.1

84 101.0 77.9 116.9

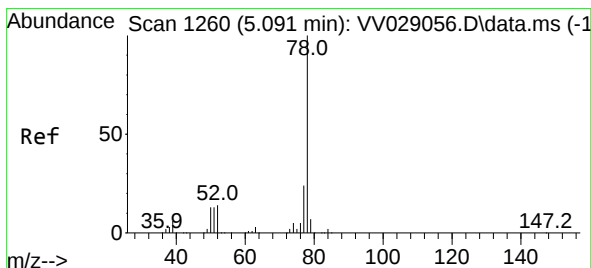
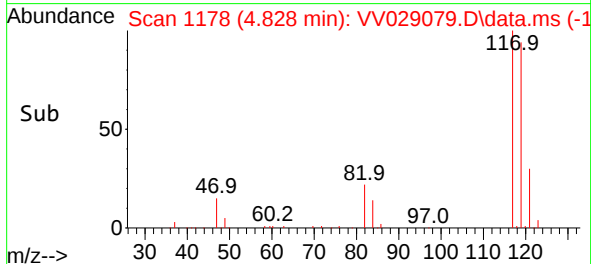
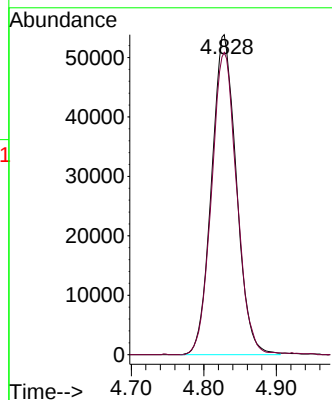
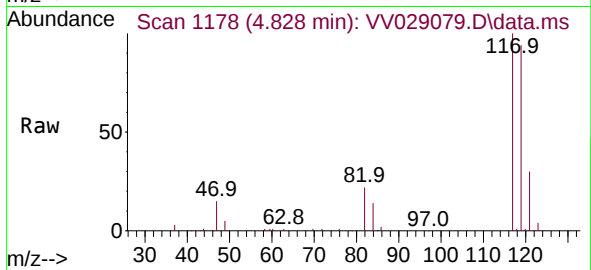




#31
Carbon tetrachloride
Concen: 4.777 ug/L
RT: 4.828 min Scan# 1176
Delta R.T. 0.007 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

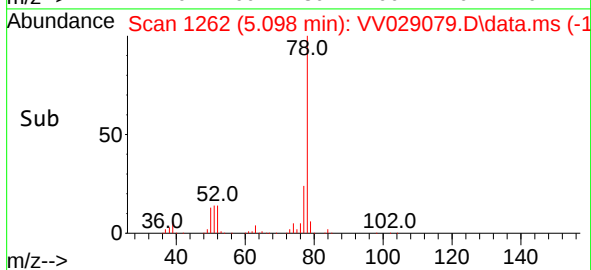
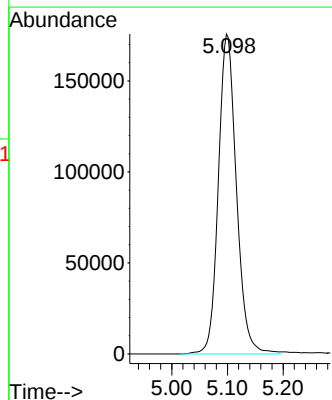
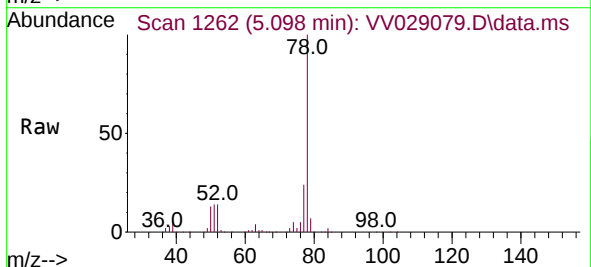
Instrument :
MSVOA_V
ClientSampleId :
VSTD005353

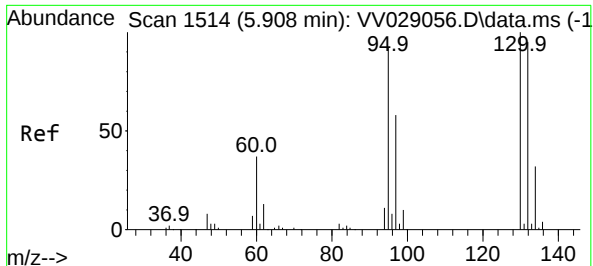
Tgt Ion:117 Resp: 127799
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.6



#33
Benzene
Concen: 4.894 ug/L
RT: 5.098 min Scan# 1262
Delta R.T. 0.007 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

Tgt Ion: 78 Resp: 395864

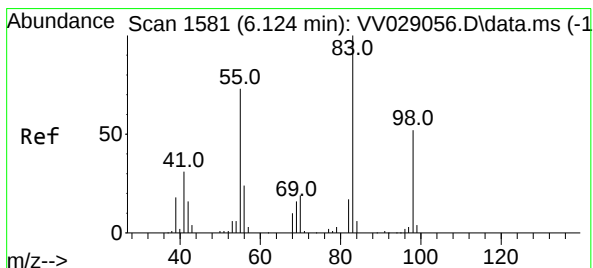
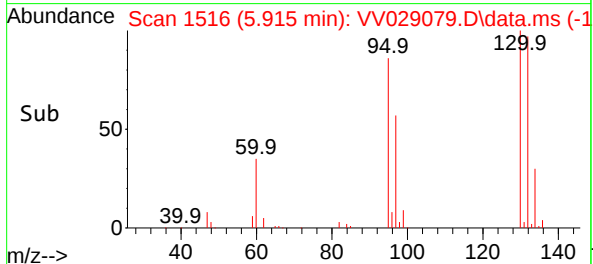
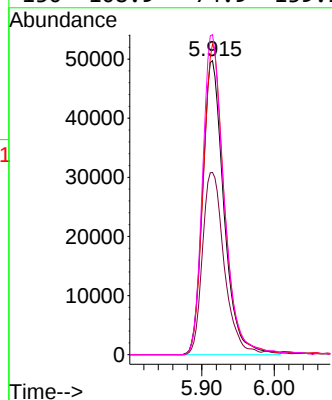
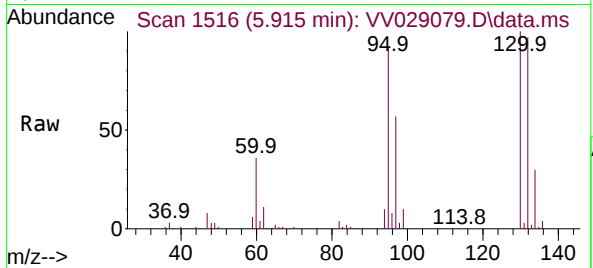




#34
Trichloroethene
Concen: 4.895 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.007 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

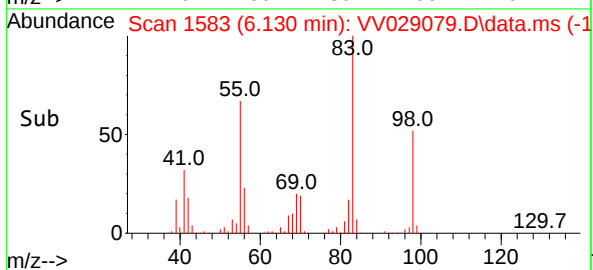
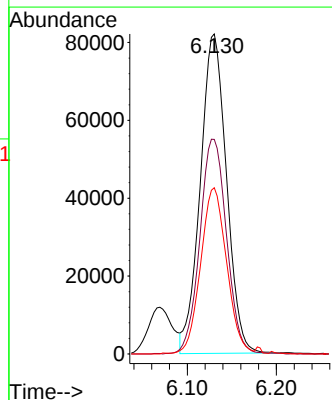
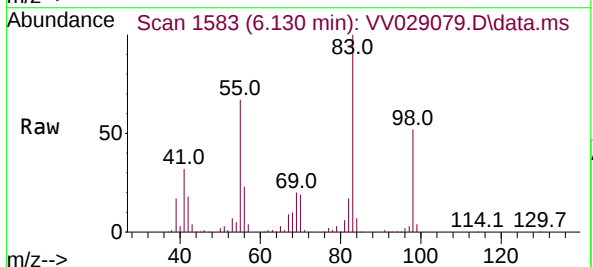
Instrument :
MSVOA_V
ClientSampleId :
VSTD005353

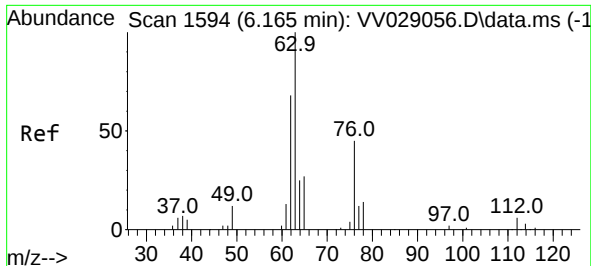
Tgt Ion: 95 Resp: 101372
Ion Ratio Lower Upper
95 100
97 62.0 45.6 84.8
132 105.7 69.1 128.3
130 108.9 74.9 139.1



#35
Methylcyclohexane
Concen: 4.604 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.007 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

Tgt Ion: 83 Resp: 167588
Ion Ratio Lower Upper
83 100
55 68.7 55.8 83.6
98 51.0 38.2 57.2





#37

1,2-Dichloropropane

Concen: 4.705 ug/L

RT: 6.172 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV029079.D

Acq: 17 Nov 2022 21:19

Instrument :

MSVOA_V

ClientSampleId :

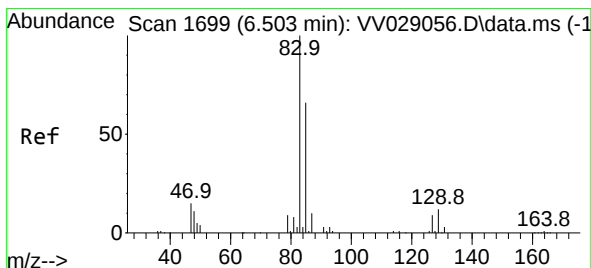
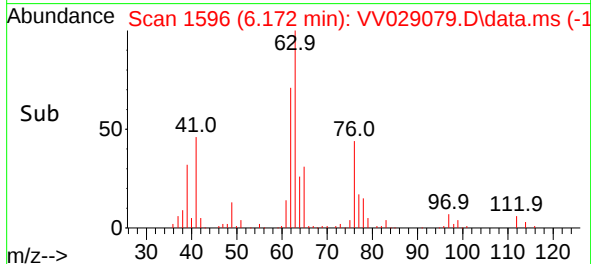
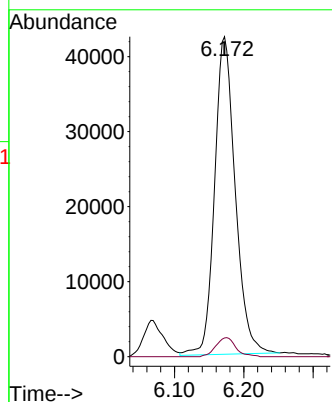
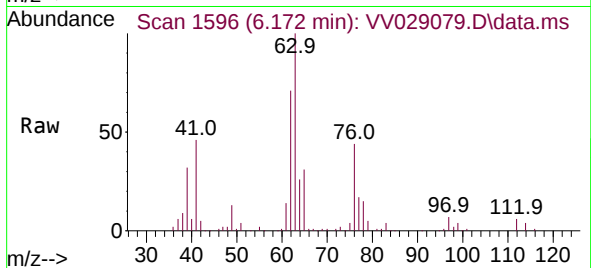
VSTD005353

Tgt Ion: 63 Resp: 87766

Ion Ratio Lower Upper

63 100

112 5.8 4.0 6.0



#38

Bromodichloromethane

Concen: 4.646 ug/L

RT: 6.506 min Scan# 1700

Delta R.T. 0.003 min

Lab File: VV029079.D

Acq: 17 Nov 2022 21:19

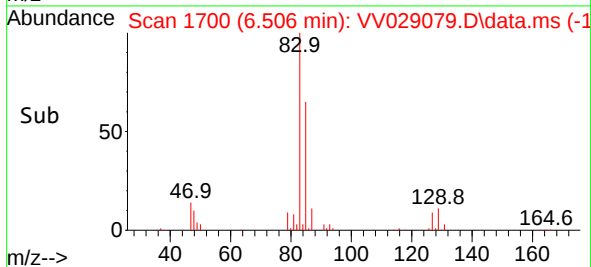
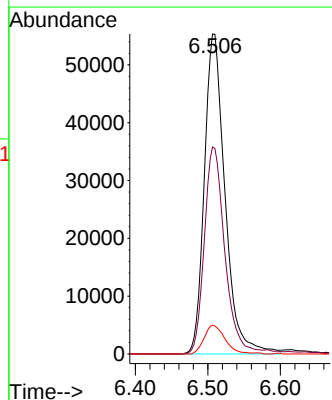
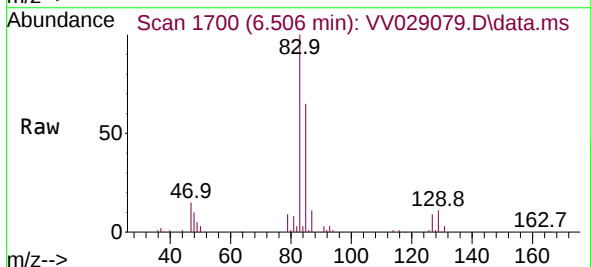
Tgt Ion: 83 Resp: 109768

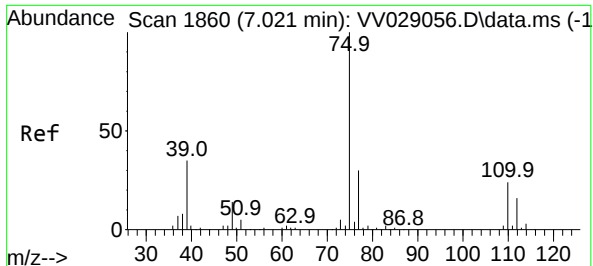
Ion Ratio Lower Upper

83 100

85 64.7 46.1 85.5

127 9.0 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 4.111 ug/L

RT: 7.027 min Scan# 1862

Delta R.T. 0.007 min

Lab File: VV029079.D

Acq: 17 Nov 2022 21:19

Instrument :

MSVOA_V

ClientSampleId :

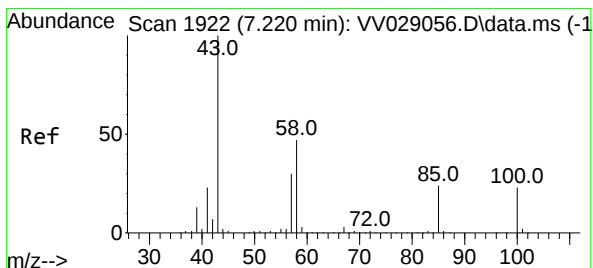
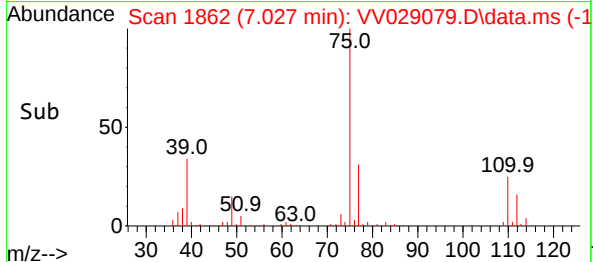
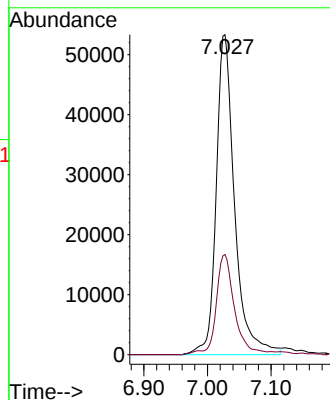
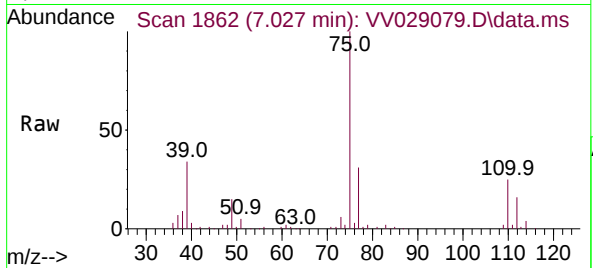
VSTD005353

Tgt Ion: 75 Resp: 107073

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 49.906 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. 0.007 min

Lab File: VV029079.D

Acq: 17 Nov 2022 21:19

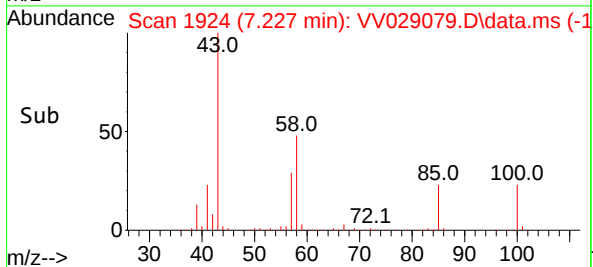
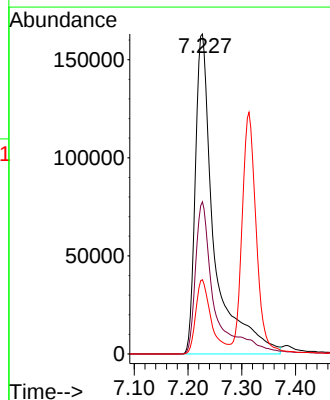
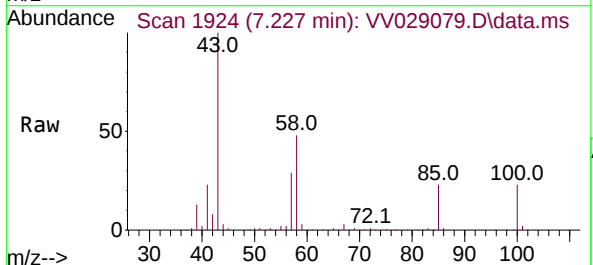
Tgt Ion: 43 Resp: 400544

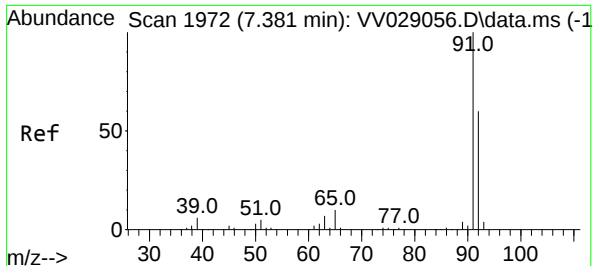
Ion Ratio Lower Upper

43 100

58 48.5 36.6 55.0

100 19.1 14.5 21.7





#42

Toluene

Concen: 4.961 ug/L

RT: 7.384 min Scan# 1972

Delta R.T. 0.003 min

Lab File: VV029079.D

Acq: 17 Nov 2022 21:19

Instrument :

MSVOA_V

ClientSampleId :

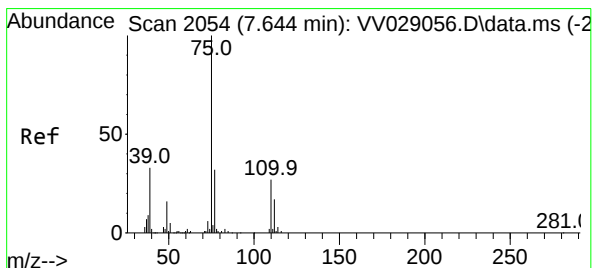
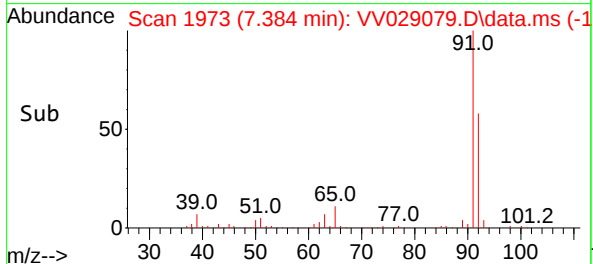
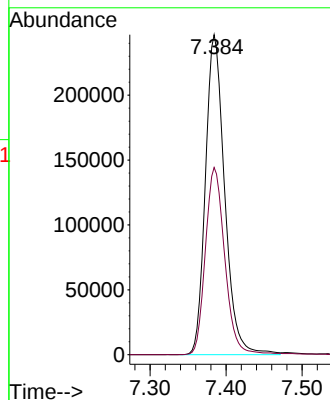
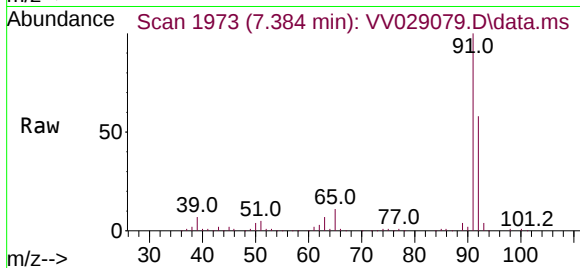
VSTD005353

Tgt Ion: 91 Resp: 433527

Ion Ratio Lower Upper

91 100

92 58.5 40.7 75.5



#44

trans-1,3-Dichloropropene

Concen: 4.242 ug/L

RT: 7.651 min Scan# 2056

Delta R.T. 0.007 min

Lab File: VV029079.D

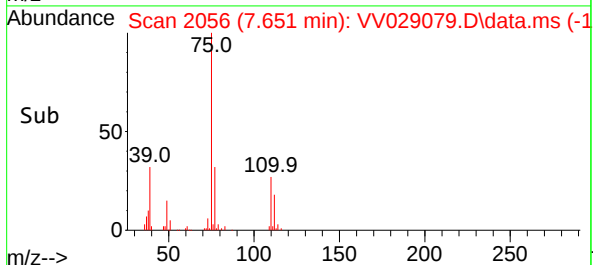
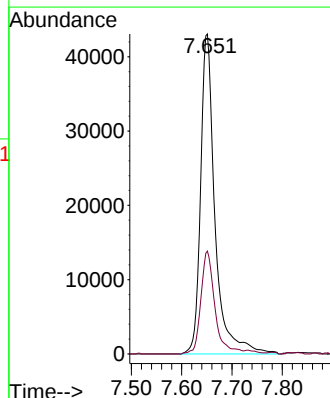
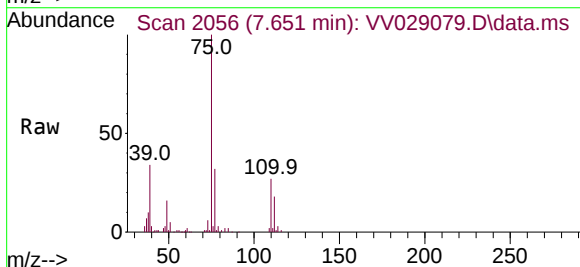
Acq: 17 Nov 2022 21:19

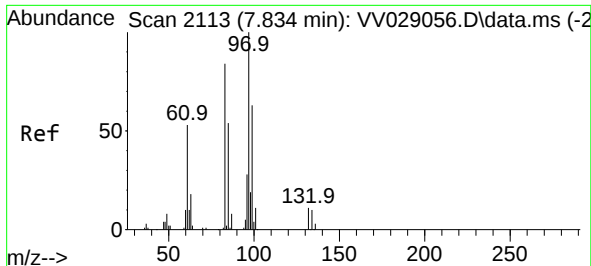
Tgt Ion: 75 Resp: 85766

Ion Ratio Lower Upper

75 100

77 32.2 22.2 41.2

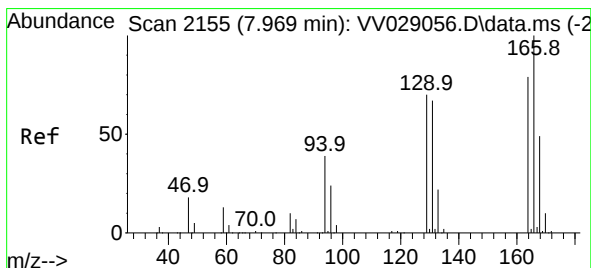
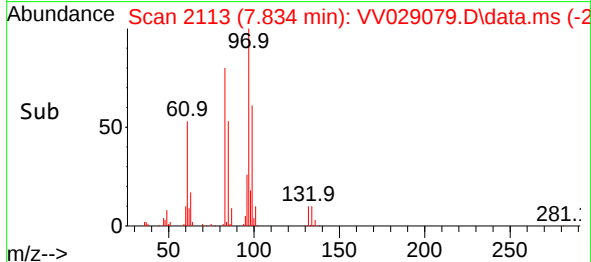
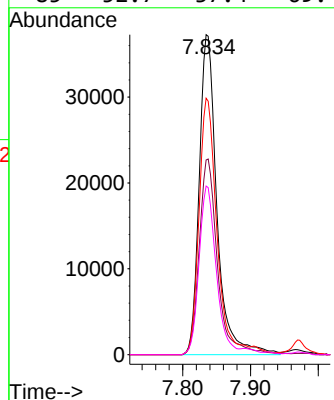
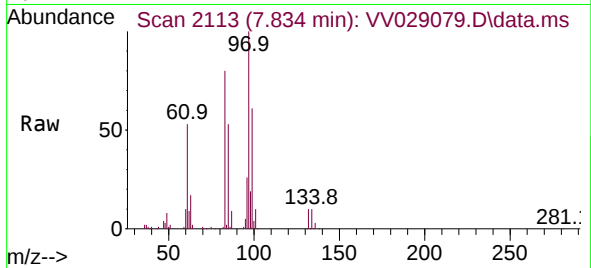




#45
1,1,2-Trichloroethane
Concen: 5.555 ug/L
RT: 7.834 min Scan# 2113
Delta R.T. 0.000 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

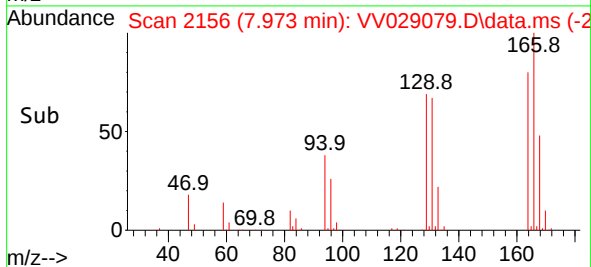
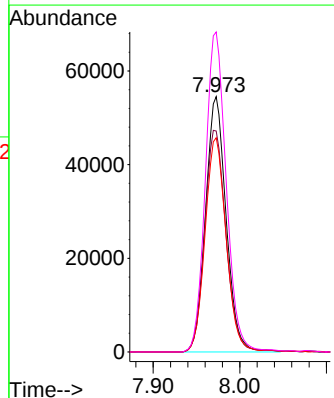
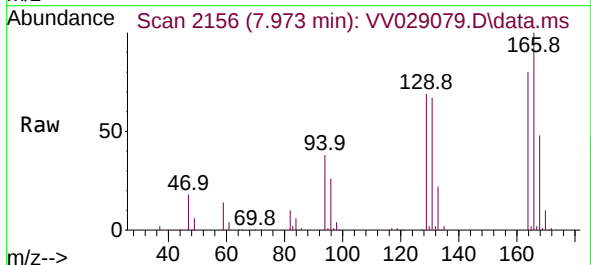
Instrument :
MSVOA_V
ClientSampleId :
VSTD005353

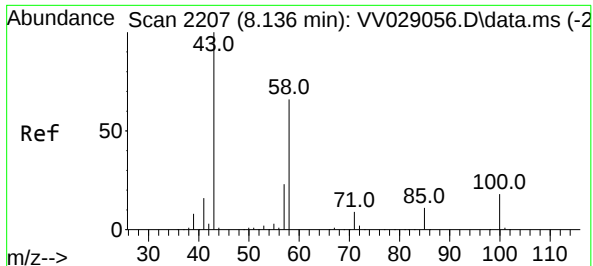
Tgt Ion:	97	Resp:	67832
Ion	Ratio	Lower	Upper
97	100		
99	60.8	41.5	77.1
83	80.2	60.0	111.4
85	52.7	37.4	69.4



#47
Tetrachloroethene
Concen: 5.444 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

Tgt Ion:	164	Resp:	90272
Ion	Ratio	Lower	Upper
164	100		
129	86.5	63.9	118.7
131	83.9	61.8	114.8
166	125.3	90.2	167.4

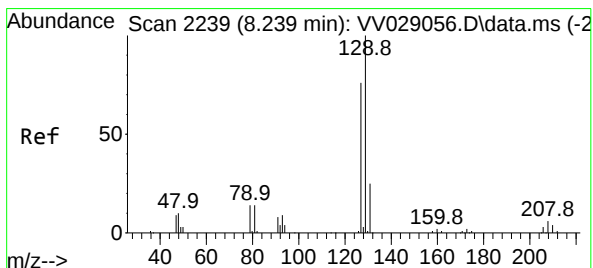
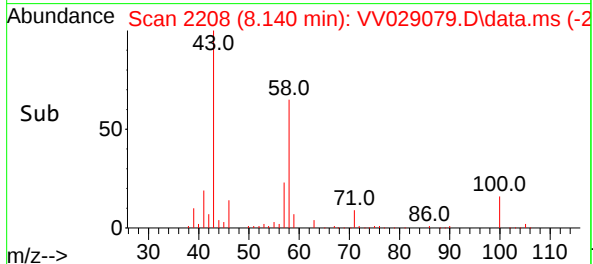
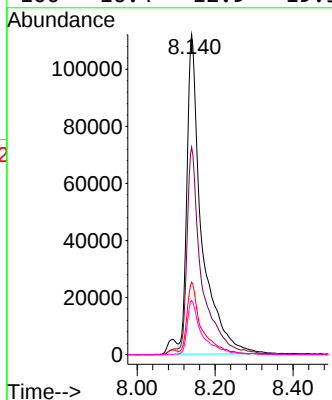
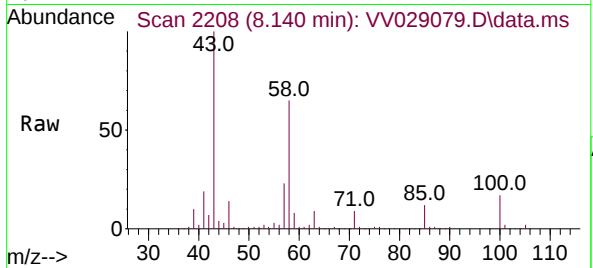




#48
2-Hexanone
Concen: 52.461 ug/L
RT: 8.140 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

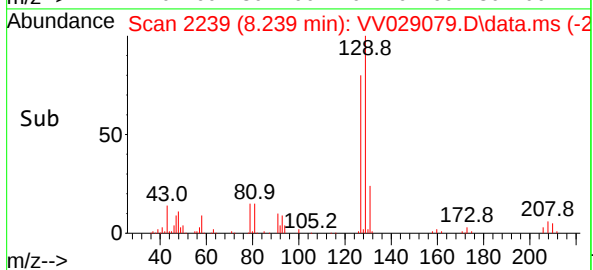
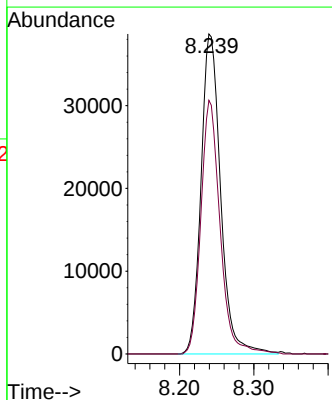
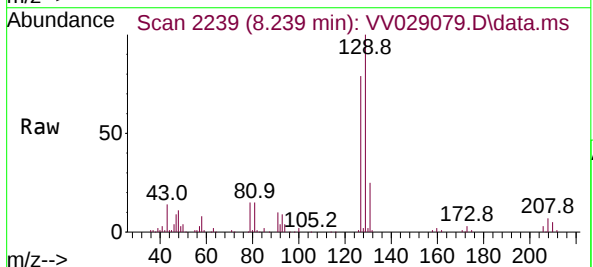
Instrument :
MSVOA_V
ClientSampleId :
VSTD005353

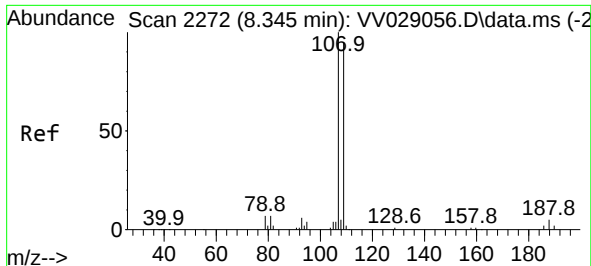
Tgt Ion:	43	Resp:	294944
Ion	Ratio	Lower	Upper
43	100		
58	64.5	50.2	75.4
57	21.8	17.8	26.8
100	16.4	12.9	19.3



#49
Dibromochloromethane
Concen: 4.808 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

Tgt Ion:	129	Resp:	70982
Ion	Ratio	Lower	Upper
129	100		
127	79.3	54.5	101.1





#50

1,2-Dibromoethane

Concen: 5.565 ug/L

RT: 8.349 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV029079.D

Acq: 17 Nov 2022 21:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD005353

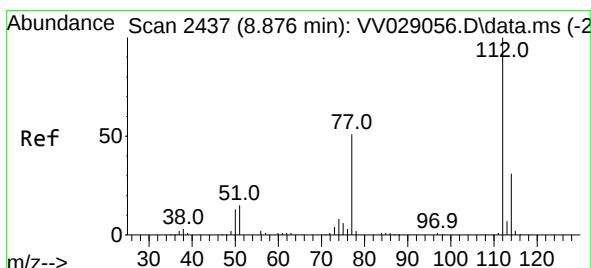
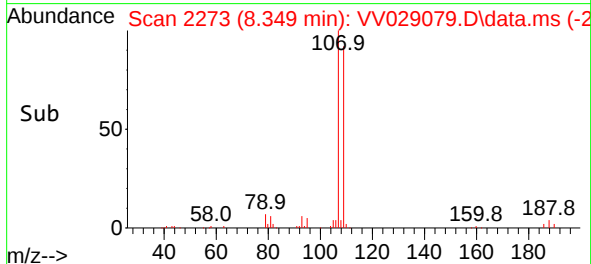
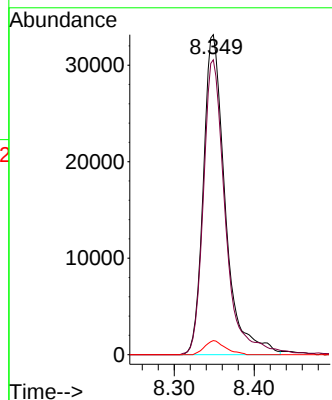
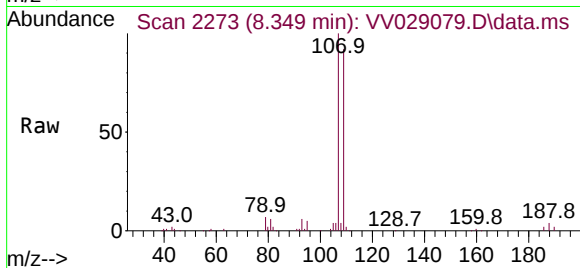
Tgt Ion:107 Resp: 63135

Ion Ratio Lower Upper

107 100

109 92.1 64.4 119.6

188 4.4 2.9 4.3#



#51

Chlorobenzene

Concen: 5.274 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. 0.000 min

Lab File: VV029079.D

Acq: 17 Nov 2022 21:19

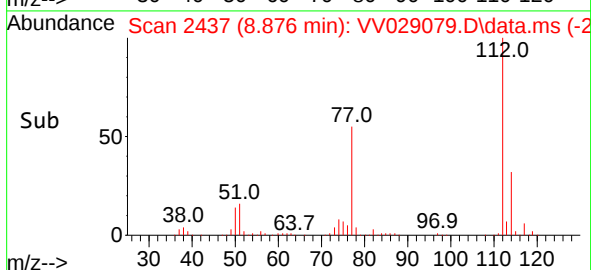
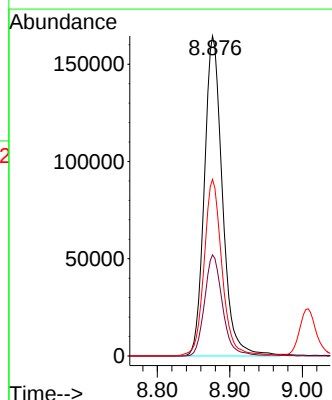
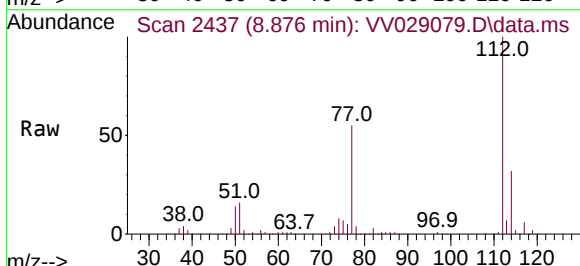
Tgt Ion:112 Resp: 284971

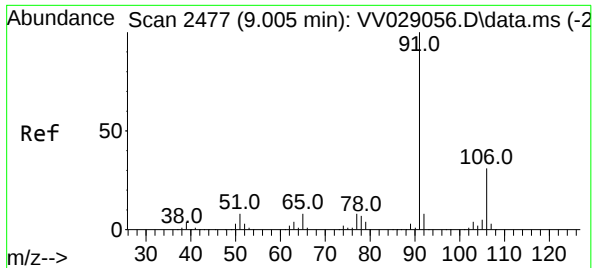
Ion Ratio Lower Upper

112 100

114 31.6 22.4 41.6

77 55.2 44.4 66.6

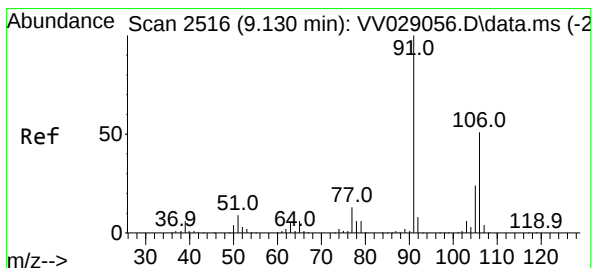
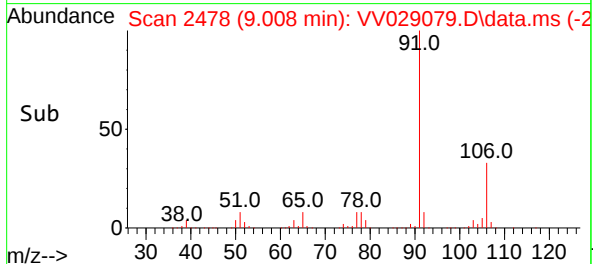
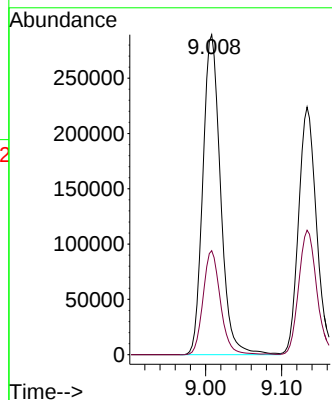
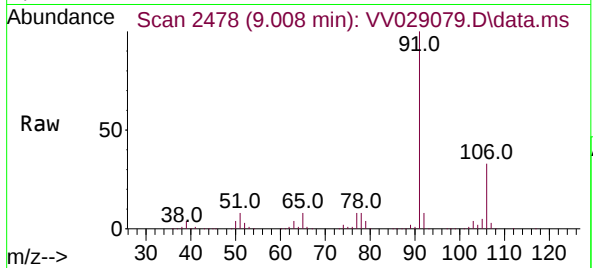




#52
Ethylbenzene
Concen: 5.142 ug/L
RT: 9.008 min Scan# 2477
Delta R.T. 0.003 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

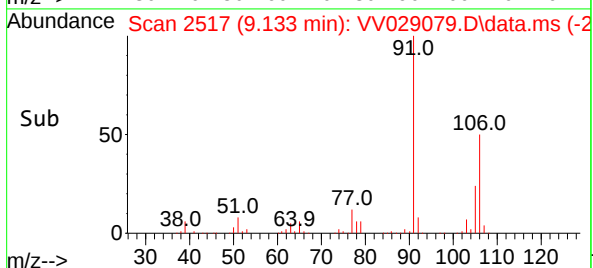
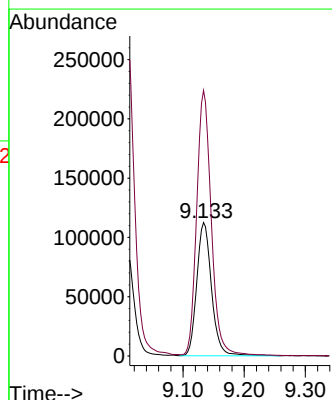
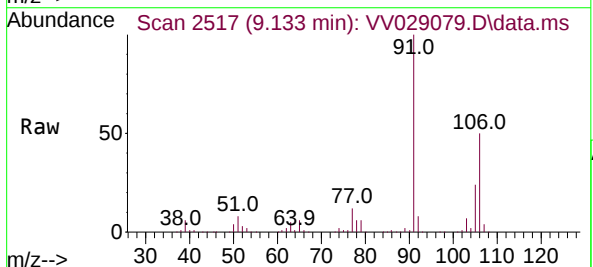
Instrument :
MSVOA_V
ClientSampleId :
VSTD005353

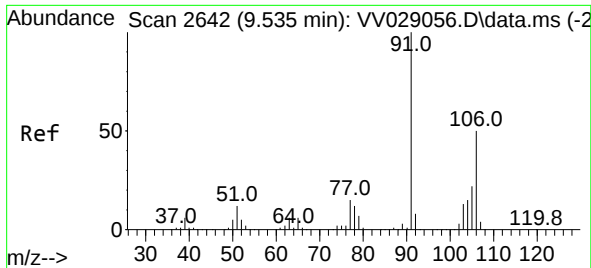
Tgt Ion: 91 Resp: 467835
Ion Ratio Lower Upper
91 100
106 32.5 21.6 40.2



#53
m,p-Xylene
Concen: 5.193 ug/L
RT: 9.133 min Scan# 2517
Delta R.T. 0.003 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

Tgt Ion: 106 Resp: 187895
Ion Ratio Lower Upper
106 100
91 199.1 139.1 258.3

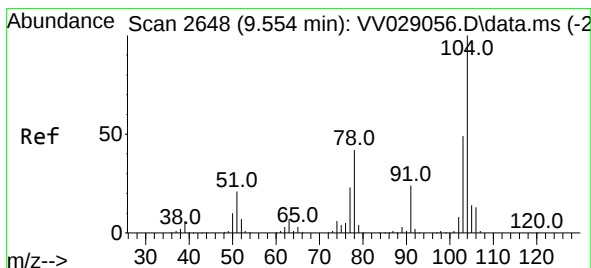
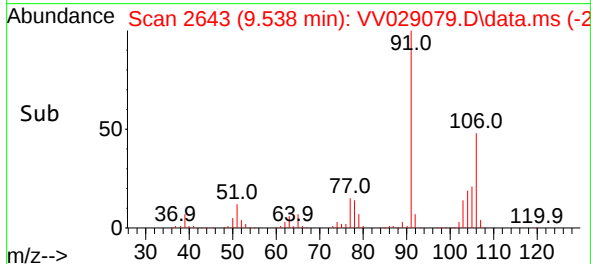
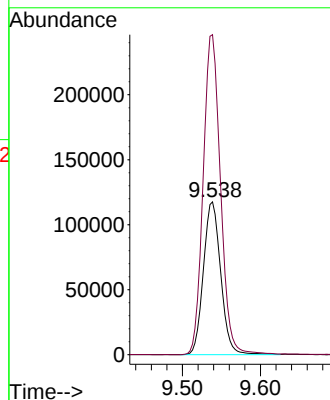
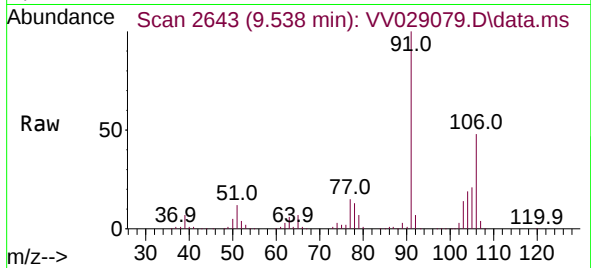




#54
o-Xylene
Concen: 5.285 ug/L
RT: 9.538 min Scan# 2643
Delta R.T. 0.003 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

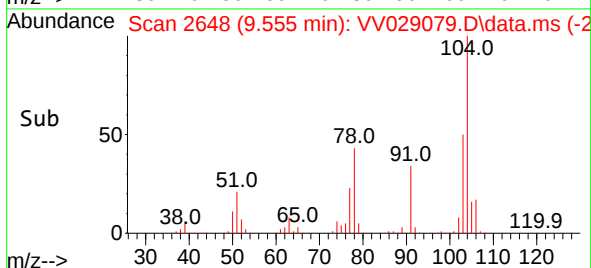
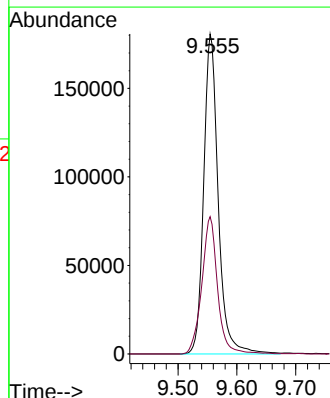
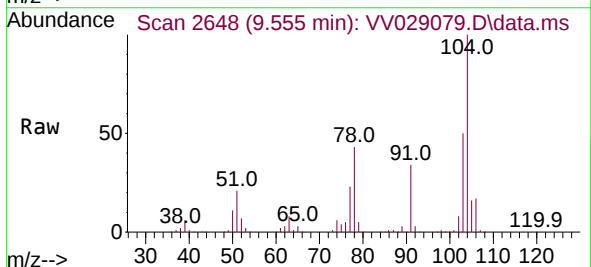
Instrument :
MSVOA_V
ClientSampleId :
VSTD005353

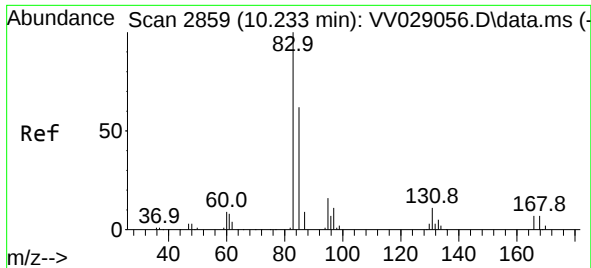
Tgt Ion:106 Resp: 181801
Ion Ratio Lower Upper
106 100
91 209.5 145.7 270.7



#55
Styrene
Concen: 5.371 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. 0.000 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

Tgt Ion:104 Resp: 309911
Ion Ratio Lower Upper
104 100
78 42.9 30.1 55.9

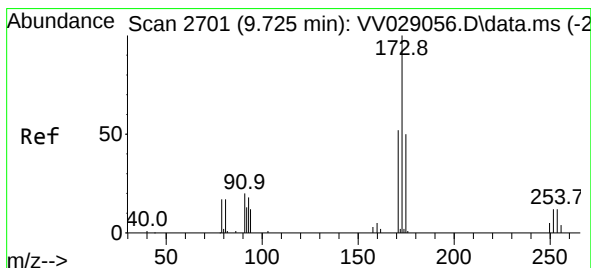
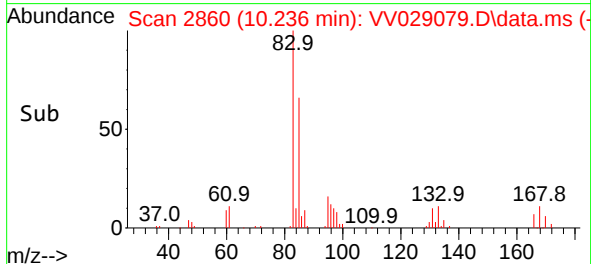
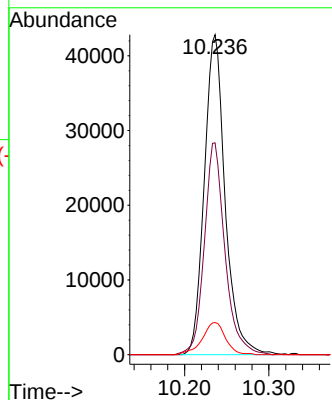
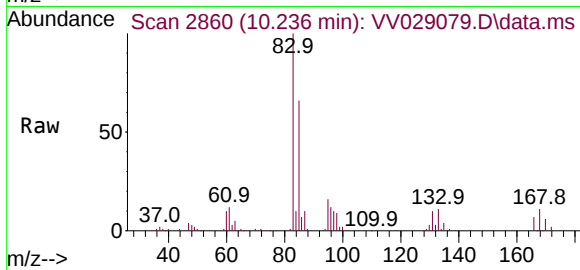




#57
1,1,2,2-Tetrachloroethane
Concen: 5.186 ug/L
RT: 10.236 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

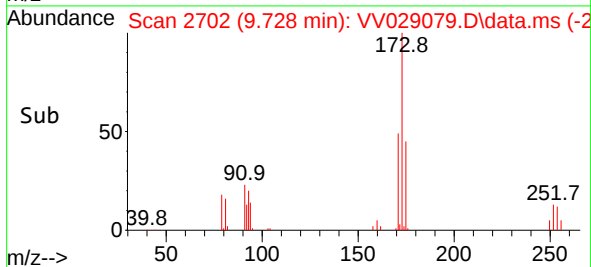
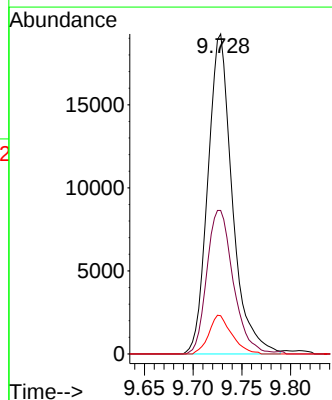
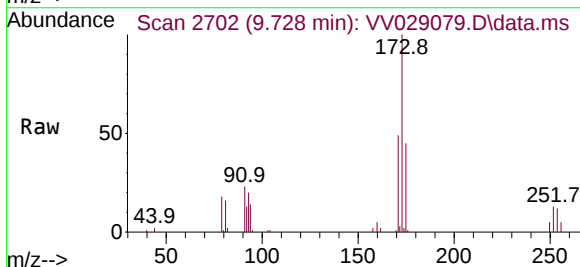
Instrument :
MSVOA_V
ClientSampleId :
VSTD005353

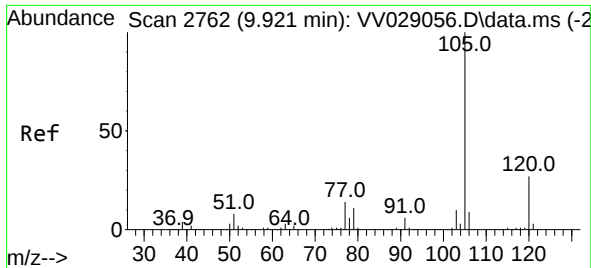
Tgt Ion: 83 Resp: 73816
Ion Ratio Lower Upper
83 100
85 66.2 45.2 84.0
131 10.1 7.5 11.3



#59
Bromoform
Concen: 4.461 ug/L
RT: 9.728 min Scan# 2702
Delta R.T. 0.003 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

Tgt Ion: 173 Resp: 33611
Ion Ratio Lower Upper
173 100
175 48.5 38.2 57.4
254 11.3 8.5 12.7

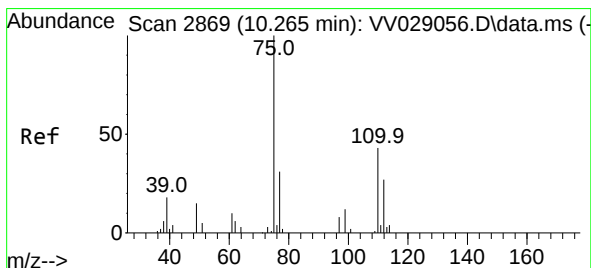
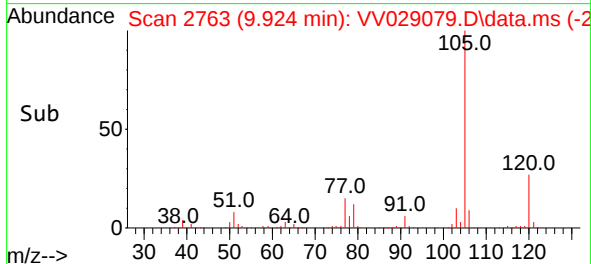
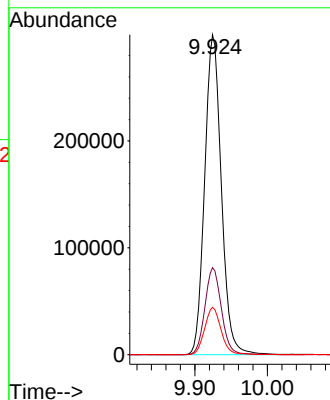
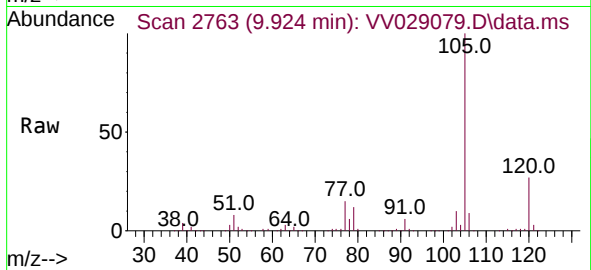




#60
Isopropylbenzene
Concen: 5.328 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

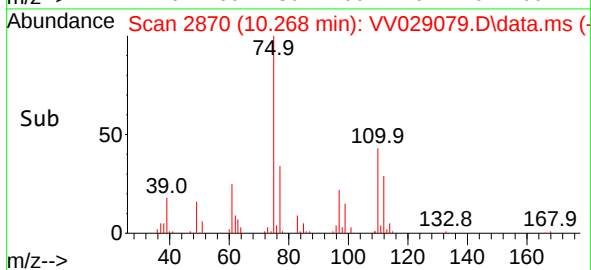
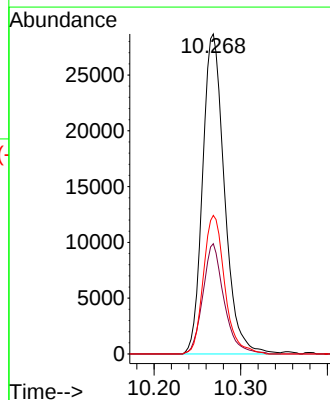
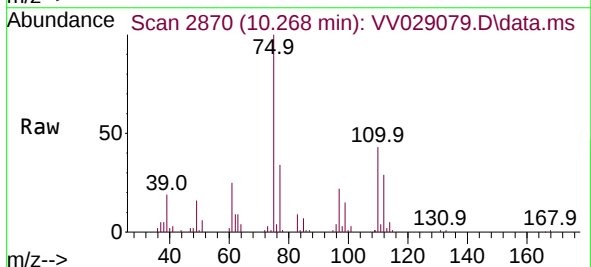
Instrument :
MSVOA_V
ClientSampleId :
VSTD005353

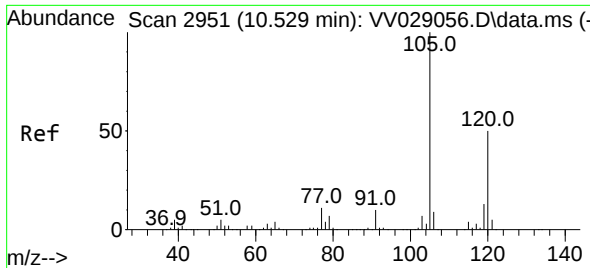
Tgt Ion:105 Resp: 477956
Ion Ratio Lower Upper
105 100
120 26.9 21.3 31.9
77 14.6 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.328 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.003 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

Tgt Ion: 75 Resp: 50317
Ion Ratio Lower Upper
75 100
77 33.2 26.2 39.2
110 42.3 32.6 48.8

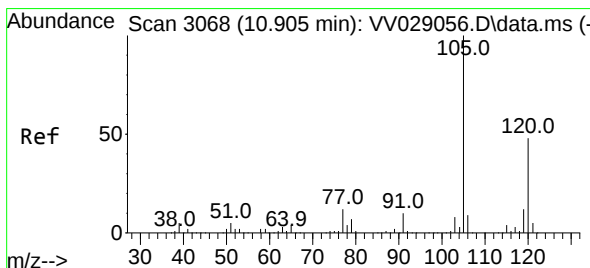
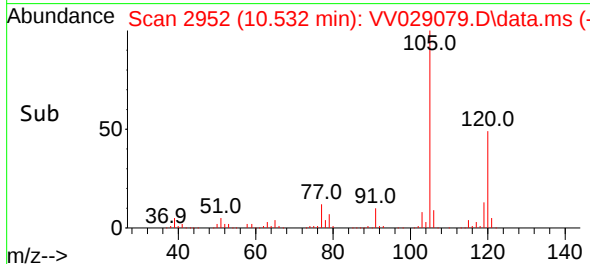
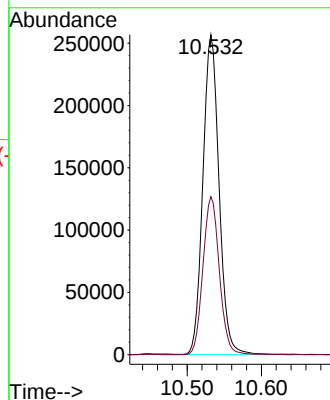
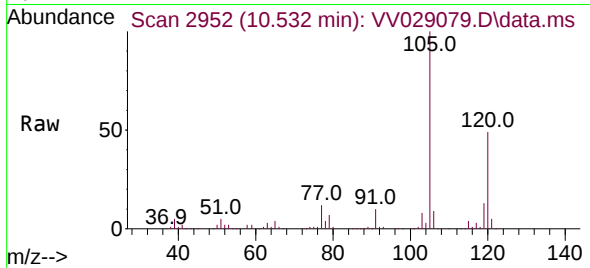




#62
1,3,5-Trimethylbenzene
Concen: 5.082 ug/L
RT: 10.532 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

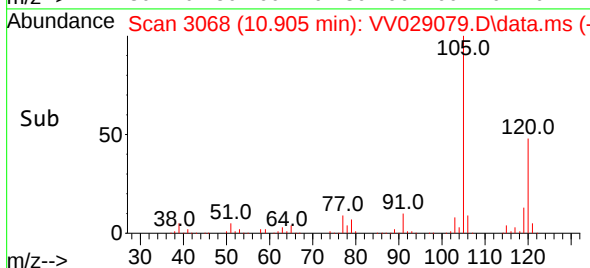
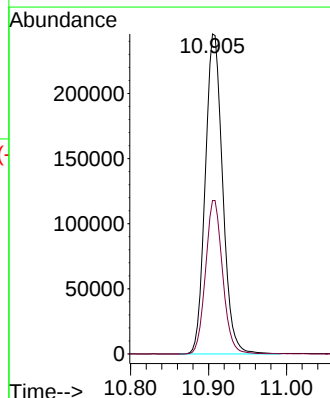
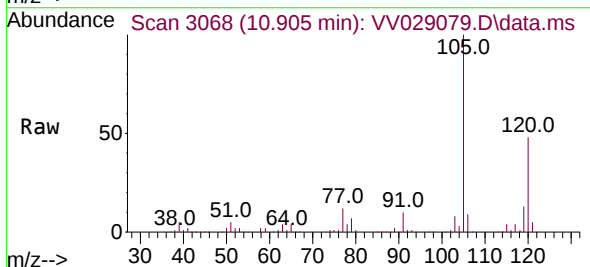
Instrument :
MSVOA_V
ClientSampleId :
VSTD005353

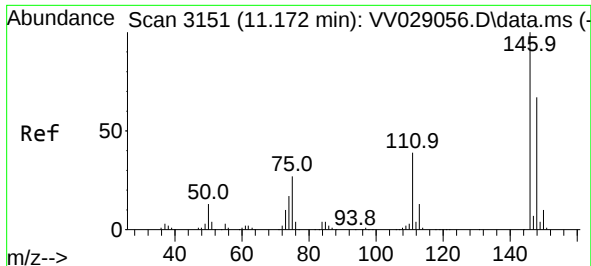
Tgt Ion:105 Resp: 386207
Ion Ratio Lower Upper
105 100
120 50.3 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 5.003 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. 0.000 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

Tgt Ion:105 Resp: 380849
Ion Ratio Lower Upper
105 100
120 47.2 37.8 56.8

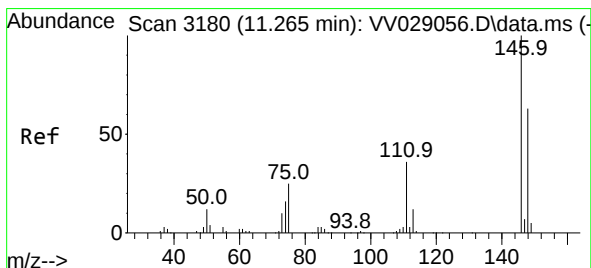
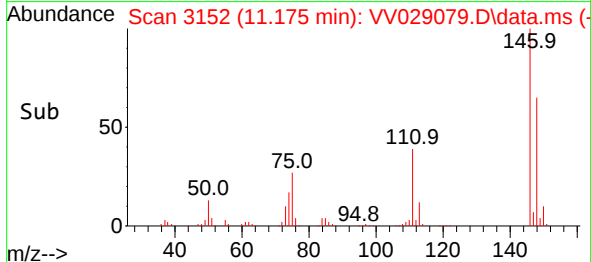
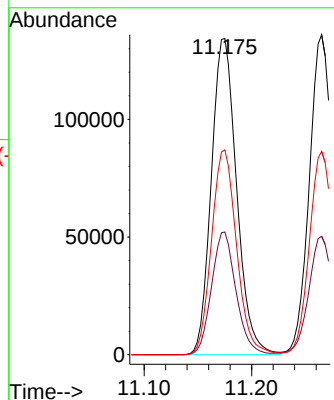
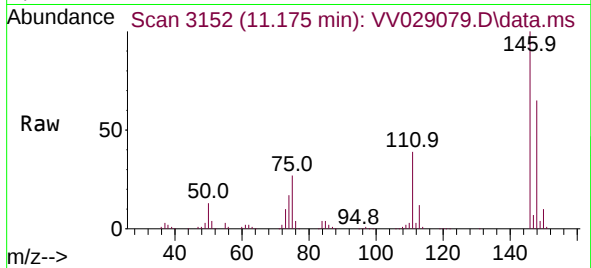




#64
 1,3-Dichlorobenzene
 Concen: 5.210 ug/L
 RT: 11.175 min Scan# 3151
 Delta R.T. 0.003 min
 Lab File: VV029079.D
 Acq: 17 Nov 2022 21:19

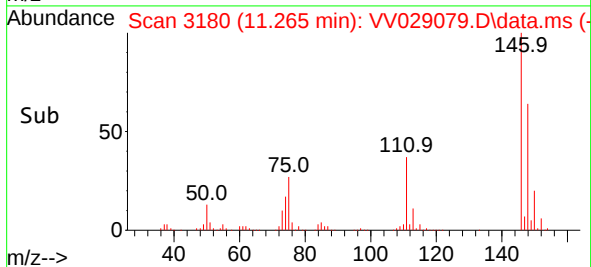
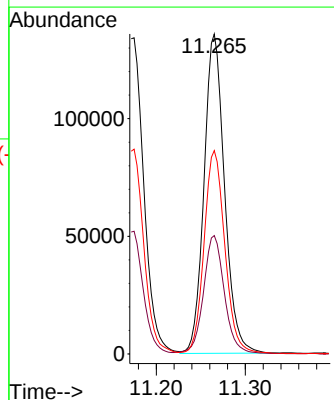
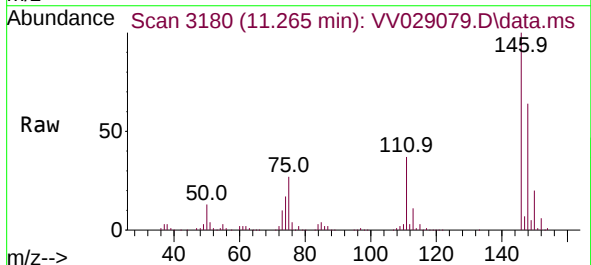
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005353

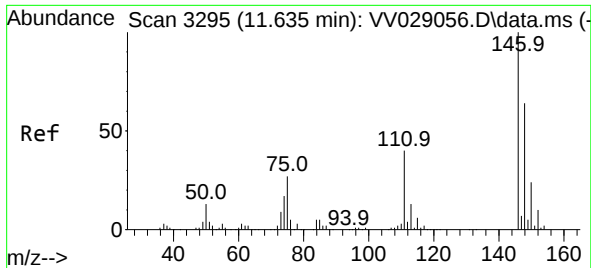
Tgt Ion:146 Resp: 219595
 Ion Ratio Lower Upper
 146 100
 111 38.8 26.9 50.1
 148 64.8 44.1 81.9



#65
 1,4-Dichlorobenzene
 Concen: 5.118 ug/L
 RT: 11.265 min Scan# 3180
 Delta R.T. 0.000 min
 Lab File: VV029079.D
 Acq: 17 Nov 2022 21:19

Tgt Ion:146 Resp: 216856
 Ion Ratio Lower Upper
 146 100
 111 37.0 26.5 49.3
 148 63.6 44.5 82.7

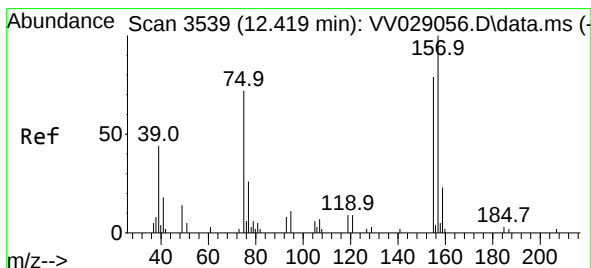
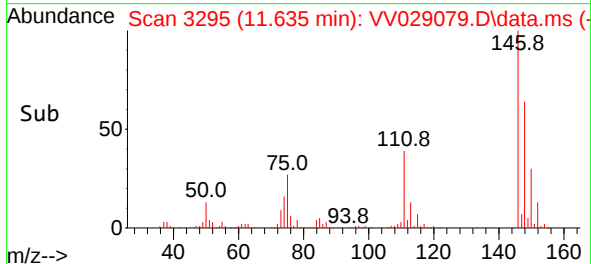
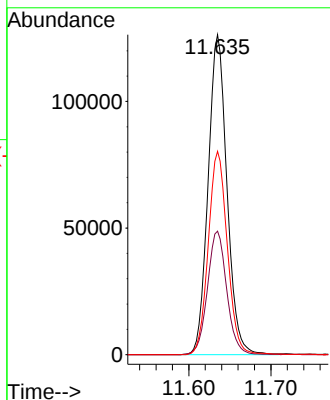
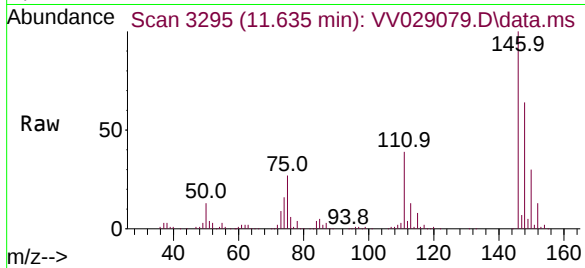




#67
1,2-Dichlorobenzene
Concen: 5.325 ug/L
RT: 11.635 min Scan# 3295
Delta R.T. 0.000 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

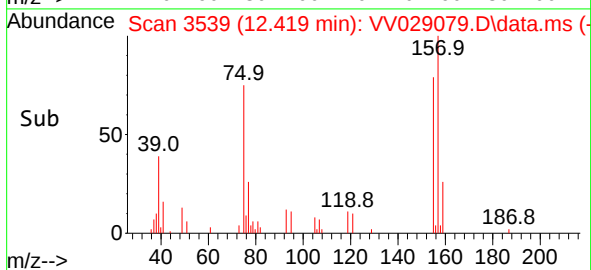
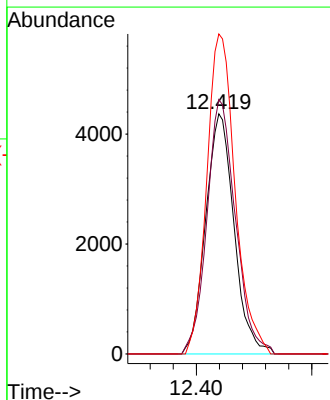
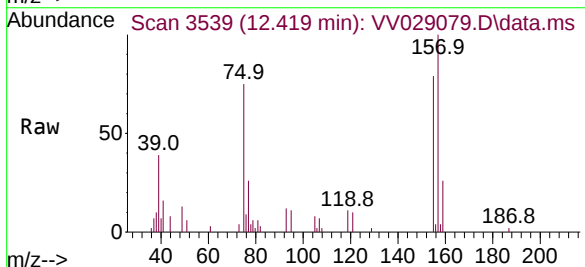
Instrument :
MSVOA_V
ClientSampleId :
VSTD005353

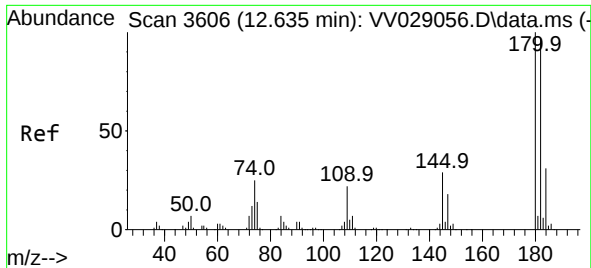
Tgt Ion:146 Resp: 201642
Ion Ratio Lower Upper
146 100
111 38.6 32.4 48.6
148 63.5 49.4 74.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.007 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. 0.000 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

Tgt Ion: 75 Resp: 7445
Ion Ratio Lower Upper
75 100
155 105.9 64.8 97.2#
157 133.3 86.3 129.5#

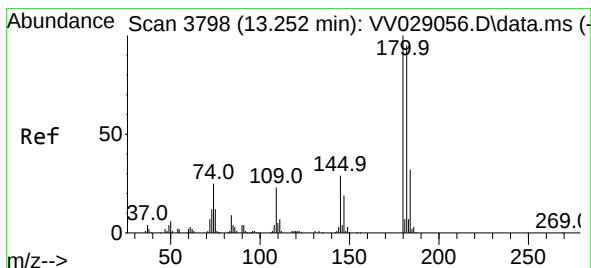
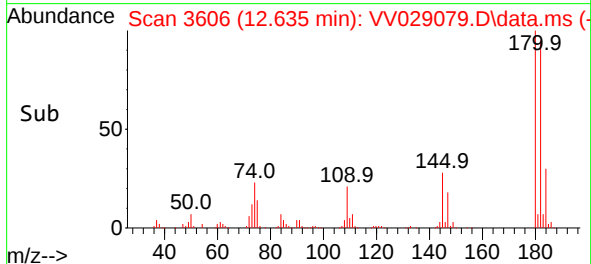
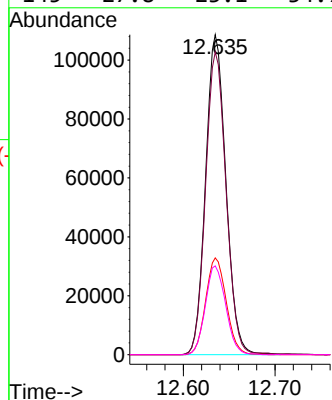
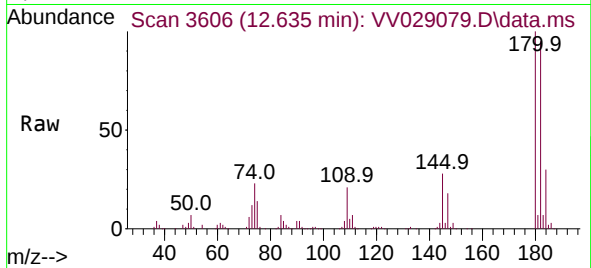




#69
1,3,5-Trichlorobenzene
Concen: 5.151 ug/L
RT: 12.635 min Scan# 3606
Delta R.T. 0.000 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

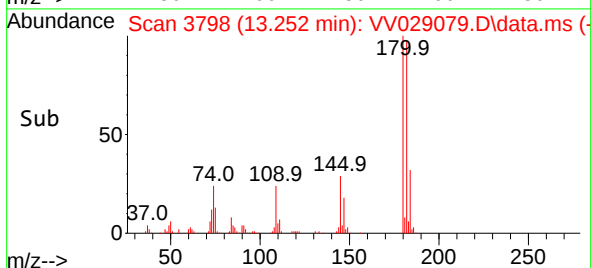
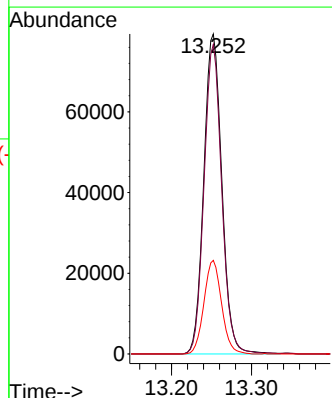
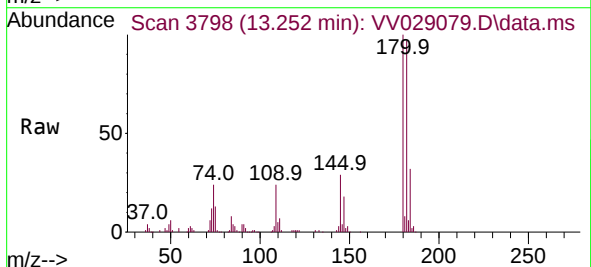
Instrument :
MSVOA_V
ClientSampleId :
VSTD005353

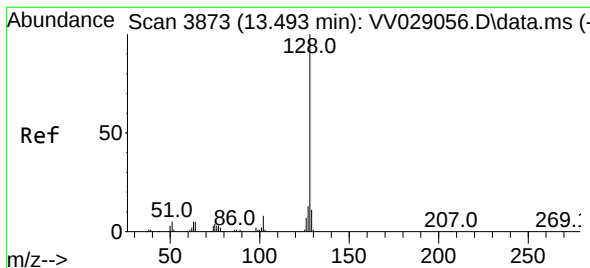
Tgt	Ion:180	Resp:	167492
Ion	Ratio	Lower	Upper
180	100		
182	95.3	76.7	115.1
184	30.6	24.0	36.0
145	27.8	23.1	34.7



#70
1,2,4-trichlorobenzene
Concen: 5.076 ug/L
RT: 13.252 min Scan# 3798
Delta R.T. 0.000 min
Lab File: VV029079.D
Acq: 17 Nov 2022 21:19

Tgt Ion:180	Resp: 124848
Ion Ratio	Lower Upper
180 100	
182 94.5	74.3 111.5
145 28.6	23.7 35.5





#71

Naphthalene

Concen: 4.543 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV029079.D

Acq: 17 Nov 2022 21:19

Instrument :

MSVOA_V

ClientSampleId :

VSTD005353

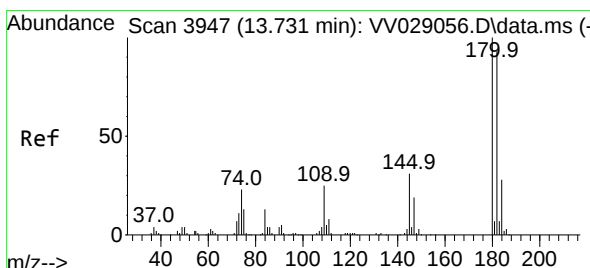
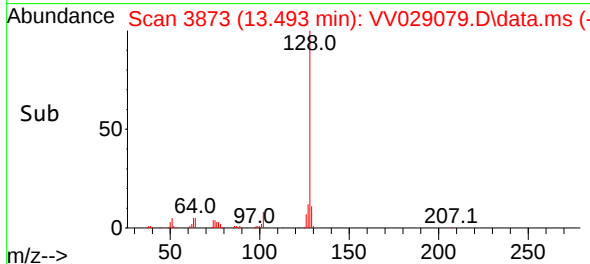
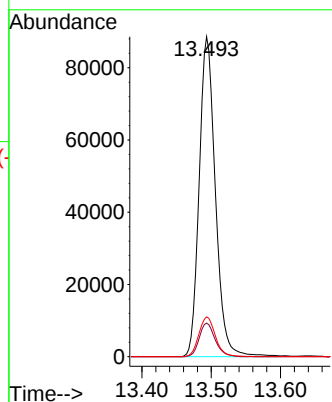
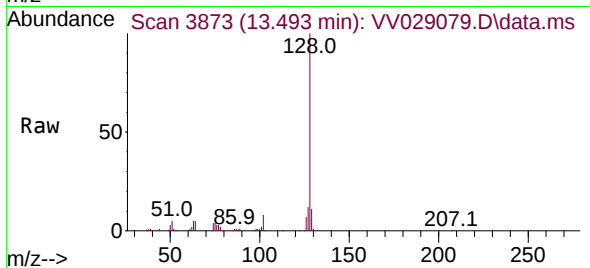
Tgt Ion:128 Resp: 144175

Ion Ratio Lower Upper

128 100

129 10.3 8.8 13.2

127 12.7 9.8 14.8



#72

1,2,3-Trichlorobenzene

Concen: 5.153 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. 0.000 min

Lab File: VV029079.D

Acq: 17 Nov 2022 21:19

Tgt Ion:180 Resp: 107336

Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.2

145 30.7 24.9 37.3

