

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VV029106.D
 Acq On : 18 Nov 2022 10:16
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005355

Quant Time: Nov 18 23:32:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		5.612	114	328753	5.000	ug/L	0.00
28) Chlorobenzene-d5		8.844	117	301620	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.239	152	158595	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.307	65	123547	6.164	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.200%	
7) Chloroethane-d5		1.568	69	92671	5.260	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.200%	
11) 1,1-Dichloroethene-d2		2.108	63	200475	5.489	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.800%	
20) 2-Butanone-d5		3.899	46	112074	33.405	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.800%	
24) Chloroform-d		4.339	84	197580	4.802	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%	
26) 1,2-Dichloroethane-d4		5.027	65	86348	4.664	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%	
32) Benzene-d6		5.043	84	430369	4.780	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%	
36) 1,2-Dichloropropane-d6		6.063	67	118381	4.709	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%	
41) Toluene-d8		7.310	98	402984	4.972	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%	
43) trans-1,3-Dichloroprop...		7.619	79	38430	4.687	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%	
46) 2-Hexanone-d5		8.085	63	168183	48.055	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.100%	
56) 1,1,2,2-Tetrachloroeth...		10.207	84	86794	4.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%	
66) 1,2-Dichlorobenzene-d4		11.615	152	137502	4.846	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%	
Target Compounds							
							Qvalue
2) Dichlorodifluoromethane		1.130	85	127345	4.647	ug/L	97
3) Chloromethane		1.240	50	111196	4.889	ug/L	99
5) Vinyl chloride		1.310	62	123120	4.746	ug/L	96
6) Bromomethane		1.523	94	67917	4.380	ug/L	93
8) Chloroethane		1.584	64	75764	4.970	ug/L	92
9) Trichlorofluoromethane		1.754	101	172461	4.930	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...		2.117	101	102342	5.167	ug/L	99
12) 1,1-Dichloroethene		2.117	96	98857	4.967	ug/L	92
13) Acetone		2.185	43	55443	25.690	ug/L	85
14) Carbon disulfide		2.294	76	302070	4.274	ug/L	100
15) Methyl Acetate		2.439	43	23221	4.433	ug/L	89
16) Methylene chloride		2.503	84	113253	4.401	ug/L	98
17) Methyl tert-butyl Ether		2.764	73	200718	4.704	ug/L	98
18) trans-1,2-Dichloroethene		2.757	96	109130	4.728	ug/L	99
19) 1,1-Dichloroethane		3.185	63	190205	5.041	ug/L	98
21) 2-Butanone		3.982	43	122198	36.572	ug/L	97
22) cis-1,2-Dichloroethene		3.905	96	114966	4.899	ug/L	98
23) Bromochloromethane		4.243	128	47386	4.775	ug/L #	89
25) Chloroform		4.368	83	194853	4.926	ug/L	94

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 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005355

Quant Time: Nov 18 23:32:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

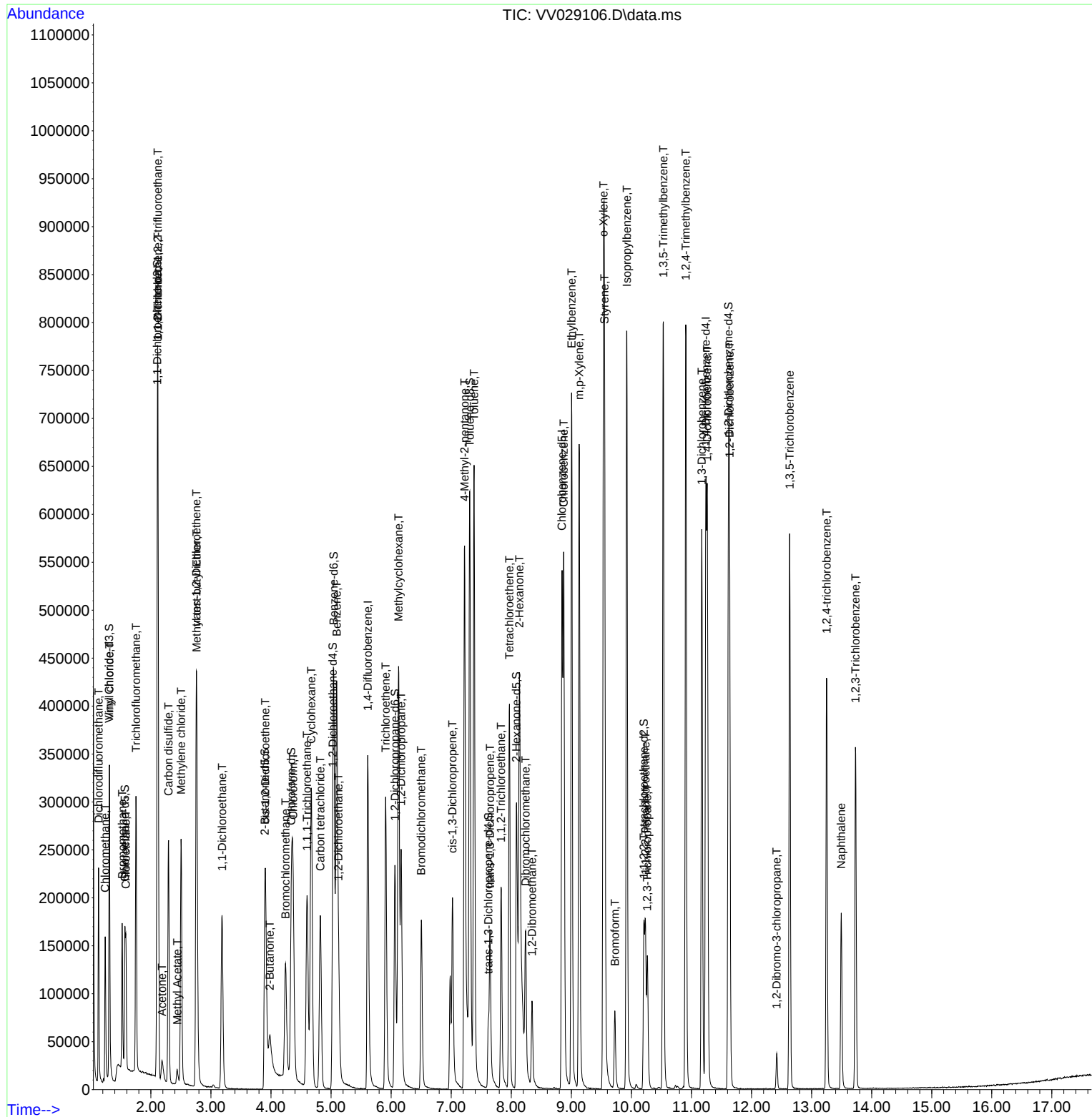
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	101906	5.002	ug/L	98
29) 1,1,1-Trichloroethane	4.600	97	165425	4.674	ug/L	99
30) Cyclohexane	4.670	56	172919	4.807	ug/L	98
31) Carbon tetrachloride	4.821	117	140063	4.595	ug/L	99
33) Benzene	5.095	78	444588	4.824	ug/L	100
34) Trichloroethene	5.908	95	113068	4.792	ug/L	98
35) Methylcyclohexane	6.124	83	191916	4.628	ug/L	96
37) 1,2-Dichloropropane	6.169	63	102007	4.799	ug/L	99
38) Bromodichloromethane	6.503	83	126565	4.702	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	132620	4.469	ug/L	98
40) 4-Methyl-2-pentanone	7.223	43	508032	55.555	ug/L #	88
42) Toluene	7.381	91	487156	4.892	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	105417	4.576	ug/L	98
45) 1,1,2-Trichloroethane	7.831	97	73215	5.262	ug/L	98
47) Tetrachloroethene	7.969	164	93229	4.934	ug/L	98
48) 2-Hexanone	8.136	43	355790	55.542	ug/L	98
49) Dibromochloromethane	8.239	129	79734	4.740	ug/L	99
50) 1,2-Dibromoethane	8.345	107	67237	5.202	ug/L	99
51) Chlorobenzene	8.873	112	307601	4.996	ug/L	99
52) Ethylbenzene	9.005	91	519867	5.015	ug/L	98
53) m,p-Xylene	9.130	106	203605	4.938	ug/L	97
54) o-Xylene	9.535	106	199068	5.079	ug/L	99
55) Styrene	9.554	104	336368	5.117	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.233	83	86071	5.307	ug/L	96
59) Bromoform	9.725	173	39857	4.610	ug/L	99
60) Isopropylbenzene	9.924	105	533253	5.180	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	59133	5.456	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	444608	5.098	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	440722	5.045	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	245596	5.078	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	244985	5.038	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	224892	5.175	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	9096	4.266	ug/L	85
69) 1,3,5-Trichlorobenzene	12.635	180	186828	5.007	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	136146	4.824	ug/L	99
71) Naphthalene	13.493	128	152387	4.184	ug/L	98
72) 1,2,3-Trichlorobenzene	13.731	180	113435	4.745	ug/L	99

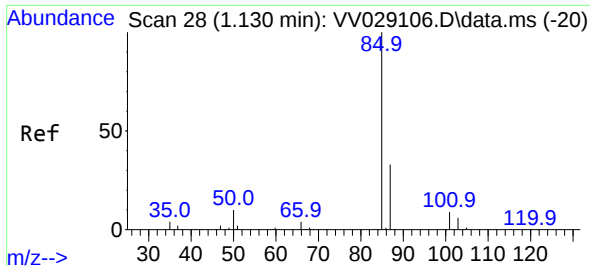
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 Data File : VV029106.D
 Acq On : 18 Nov 2022 10:16
 Operator : SY/MD
 Sample : VSTD000005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0005355

Quant Time: Nov 18 23:32:48 2022
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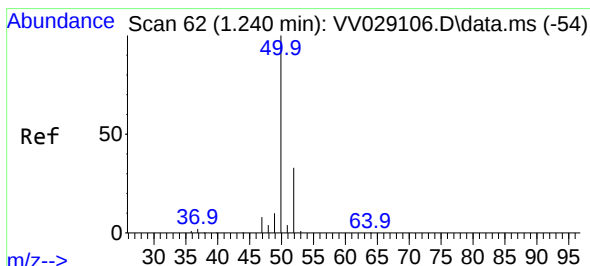
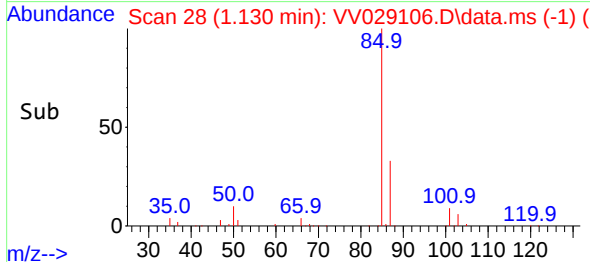
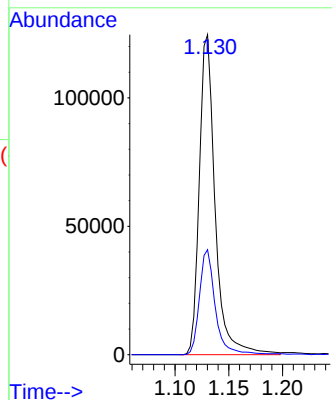
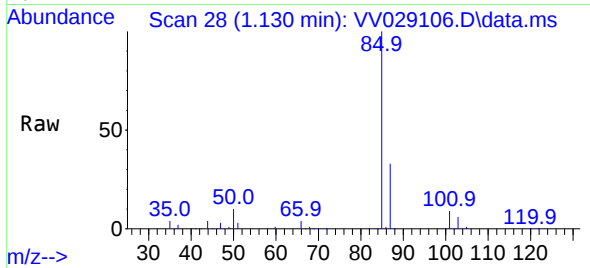




#2
 Dichlorodifluoromethane
 Concen: 4.647 ug/L
 RT: 1.130 min Scan# 28
 Delta R.T. -0.000 min
 Lab File: VV029106.D
 Acq: 18 Nov 2022 10:16

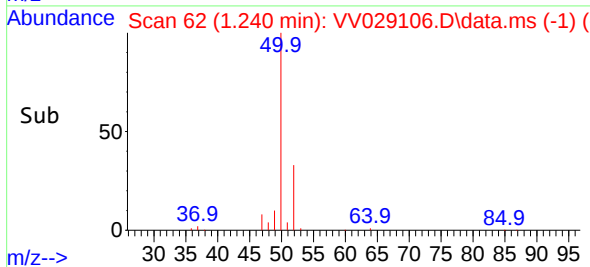
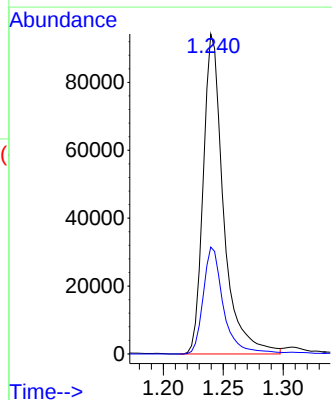
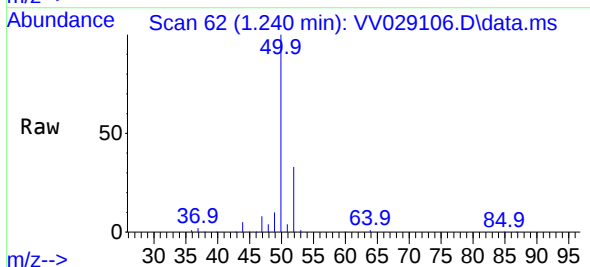
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005355

Tgt Ion: 85 Resp: 127345
 Ion Ratio Lower Upper
 85 100
 87 33.0 25.0 37.4

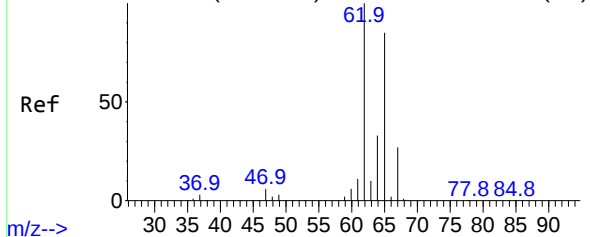


#3
 Chloromethane
 Concen: 4.889 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029106.D
 Acq: 18 Nov 2022 10:16

Tgt Ion: 50 Resp: 111196
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.7 43.9



Abundance Scan 84 (1.310 min): VV029106.D\data.ms (-76)



#5

Vinyl chloride

Concen: 4.746 ug/L

RT: 1.310 min Scan# 84

Delta R.T. -0.000 min

Lab File: VV029106.D

Acq: 18 Nov 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD005355

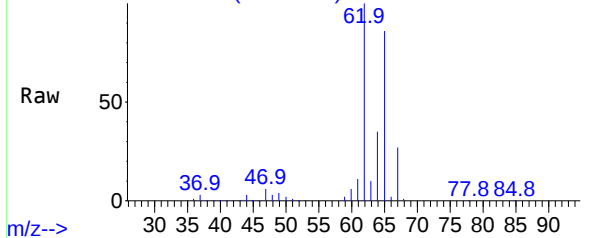
Tgt Ion: 62 Resp: 123120

Ion Ratio Lower Upper

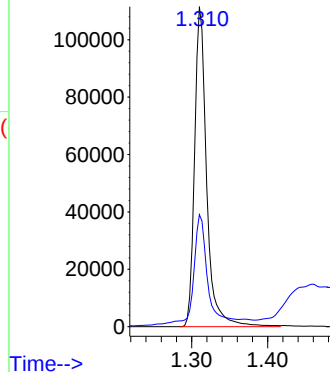
62 100

64 35.0 22.8 42.4

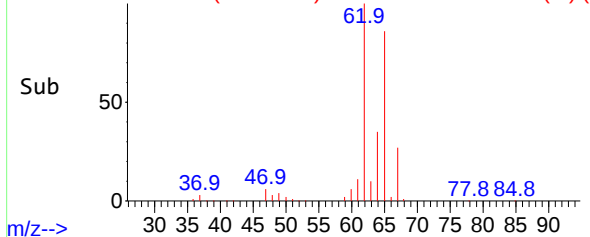
Abundance Scan 84 (1.310 min): VV029106.D\data.ms



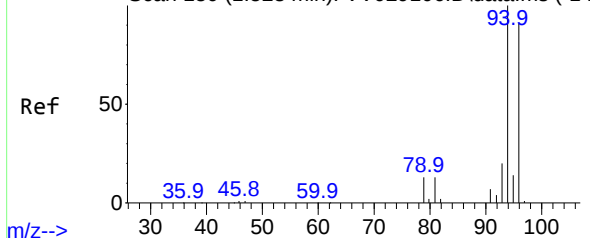
Abundance



Abundance Scan 84 (1.310 min): VV029106.D\data.ms (-1)



Abundance Scan 150 (1.523 min): VV029106.D\data.ms (-14)



#6

Bromomethane

Concen: 4.380 ug/L

RT: 1.523 min Scan# 150

Delta R.T. -0.000 min

Lab File: VV029106.D

Acq: 18 Nov 2022 10:16

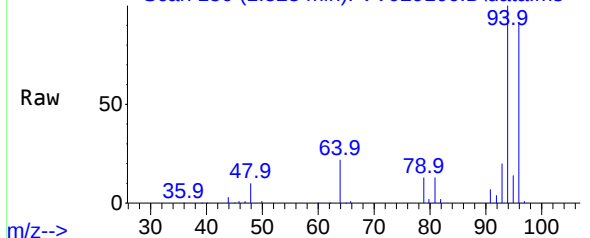
Tgt Ion: 94 Resp: 67917

Ion Ratio Lower Upper

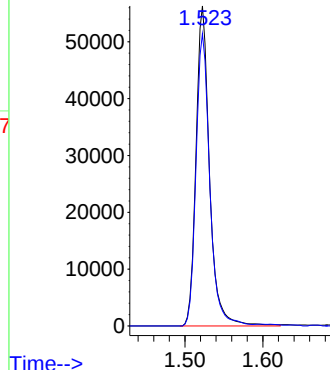
94 100

96 91.3 68.5 127.3

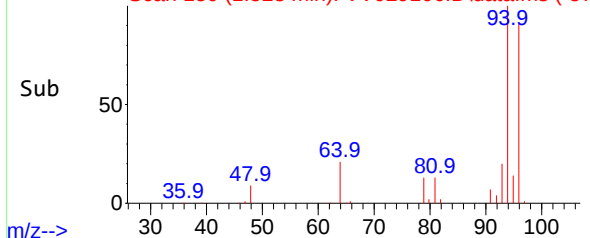
Abundance Scan 150 (1.523 min): VV029106.D\data.ms

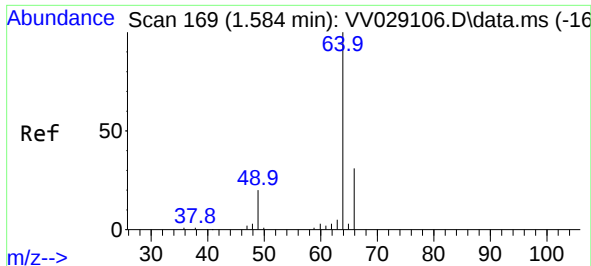


Abundance



Abundance Scan 150 (1.523 min): VV029106.D\data.ms (-57)

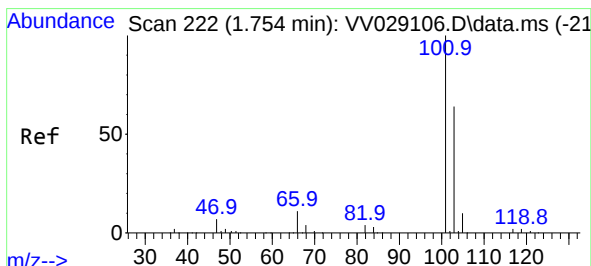
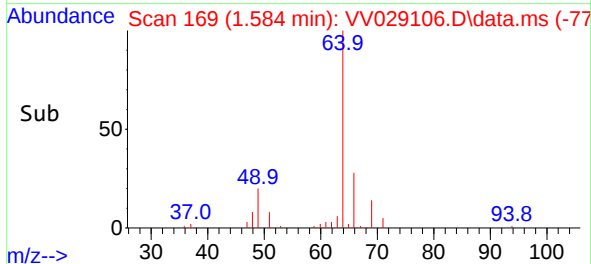
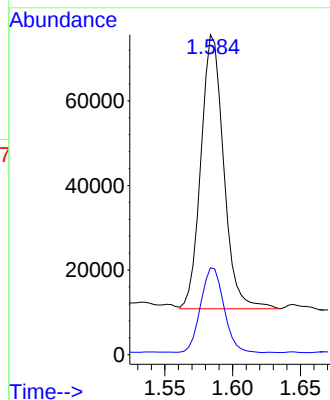
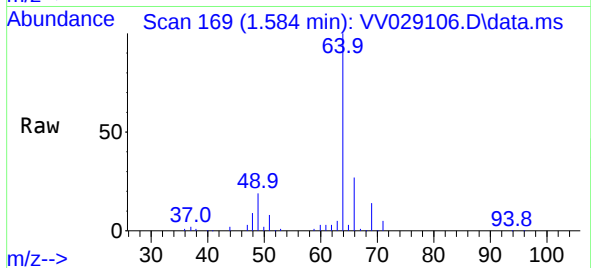




#8
Chloroethane
Concen: 4.970 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

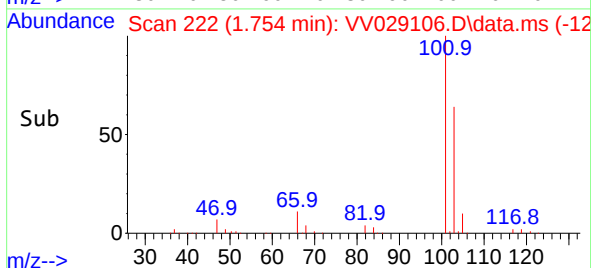
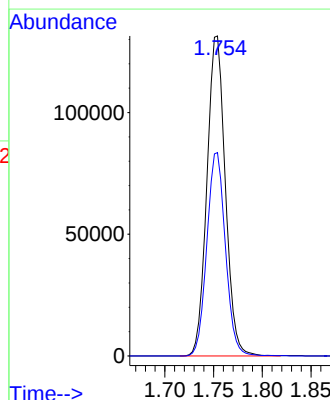
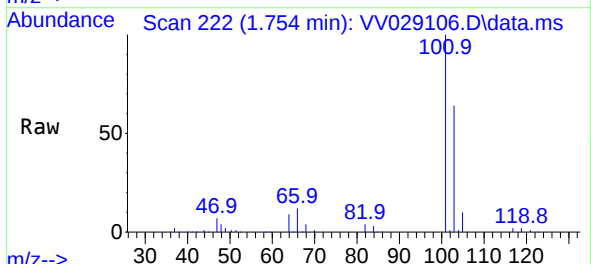
Instrument :
MSVOA_V
ClientSampleId :
VSTD005355

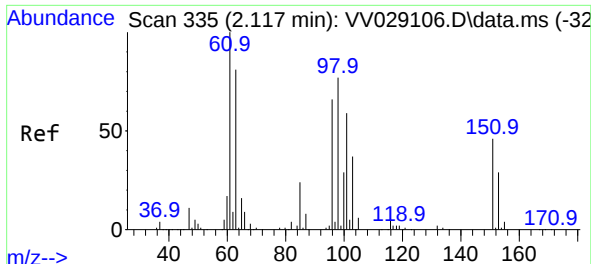
Tgt Ion: 64 Resp: 75764
Ion Ratio Lower Upper
64 100
66 27.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 4.930 ug/L
RT: 1.754 min Scan# 222
Delta R.T. -0.000 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Tgt Ion:101 Resp: 172461
Ion Ratio Lower Upper
101 100
103 64.2 51.3 76.9

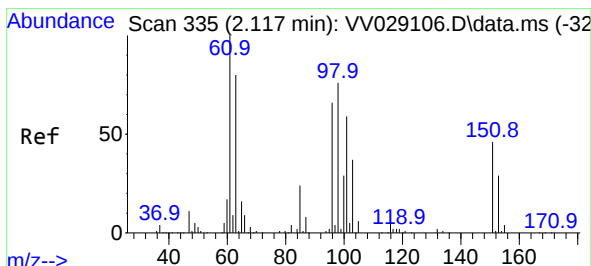
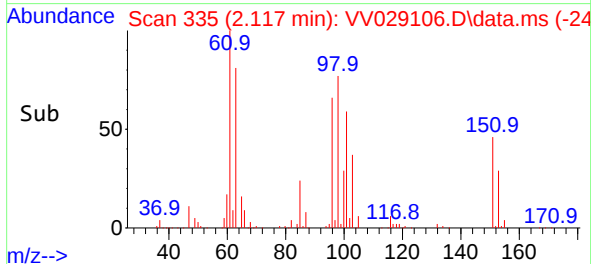
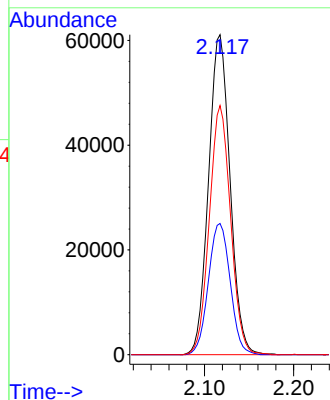
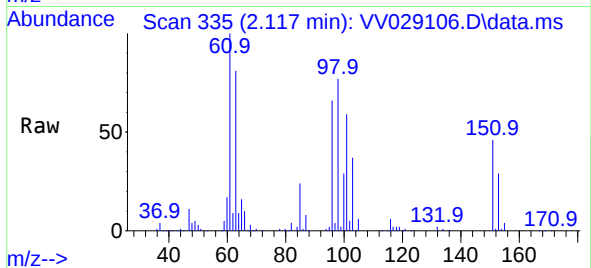




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.167 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VV029106.D
 Acq: 18 Nov 2022 10:16

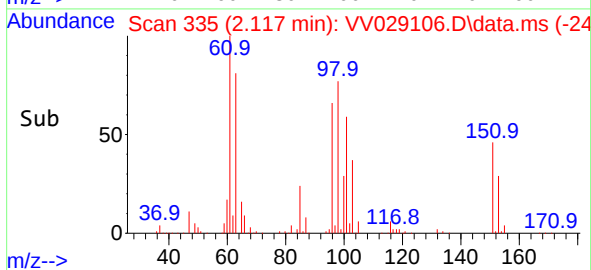
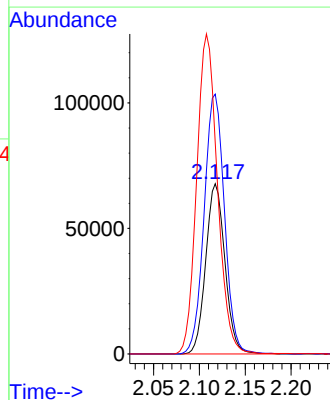
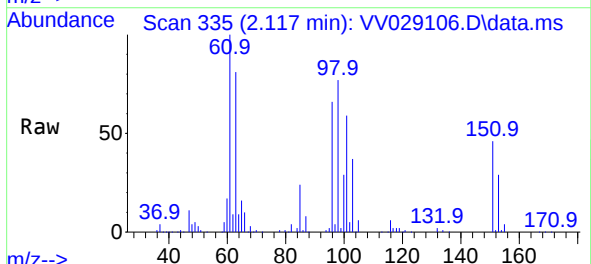
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005355

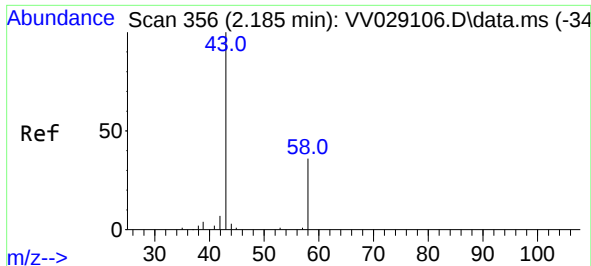
Tgt Ion:101 Resp: 102342
 Ion Ratio Lower Upper
 101 100
 85 41.6 32.9 49.3
 151 77.0 62.5 93.7



#12
 1,1-Dichloroethene
 Concen: 4.967 ug/L
 RT: 2.117 min Scan# 335
 Delta R.T. -0.003 min
 Lab File: VV029106.D
 Acq: 18 Nov 2022 10:16

Tgt Ion: 96 Resp: 98857
 Ion Ratio Lower Upper
 96 100
 61 152.5 104.2 193.4
 63 124.0 75.9 140.9





#13

Acetone

Concen: 25.690 ug/L

RT: 2.185 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV029106.D

Acq: 18 Nov 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

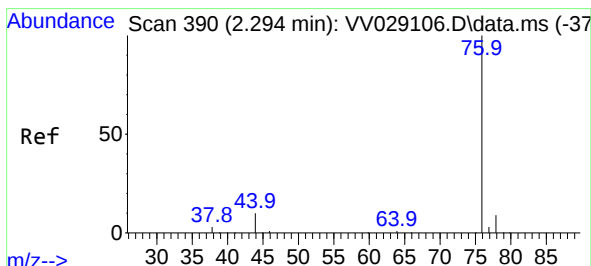
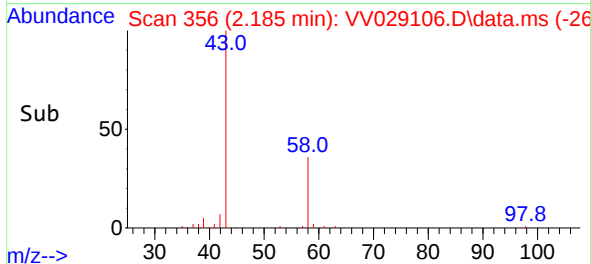
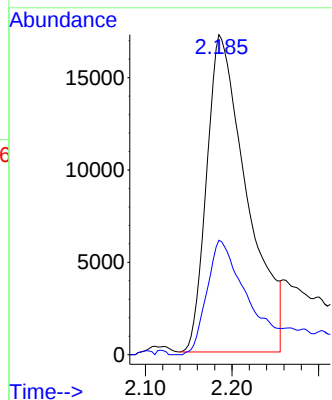
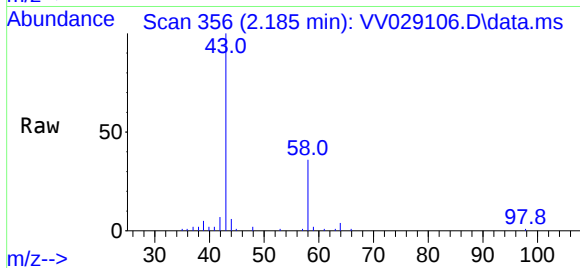
VSTD005355

Tgt Ion: 43 Resp: 55443

Ion Ratio Lower Upper

43 100

58 36.3 0.0 56.6



#14

Carbon disulfide

Concen: 4.274 ug/L

RT: 2.294 min Scan# 390

Delta R.T. -0.000 min

Lab File: VV029106.D

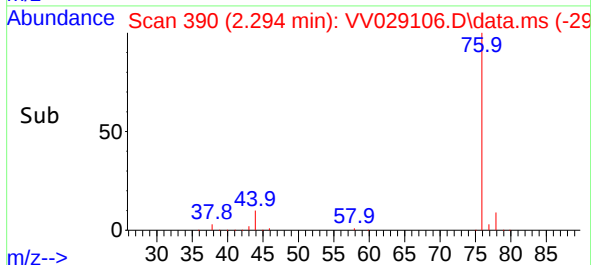
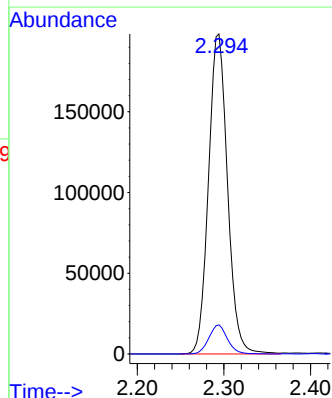
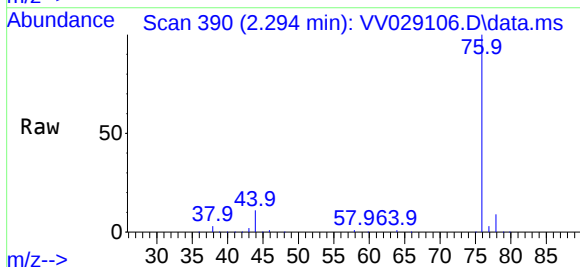
Acq: 18 Nov 2022 10:16

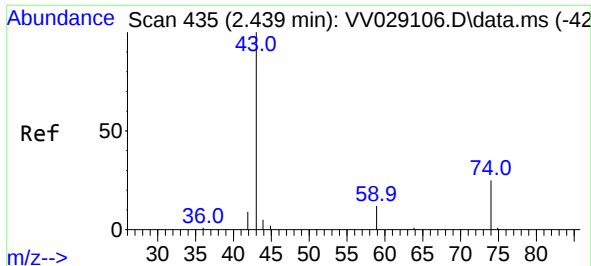
Tgt Ion: 76 Resp: 302070

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

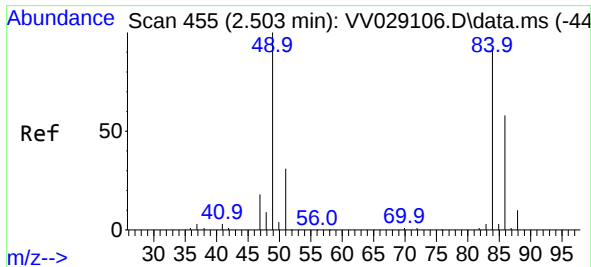
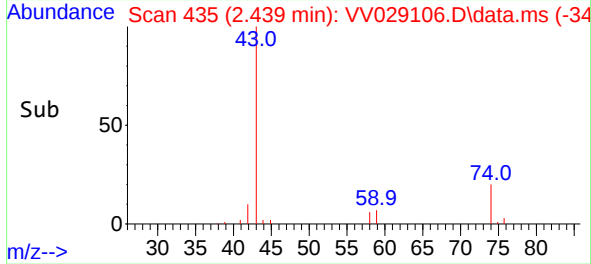
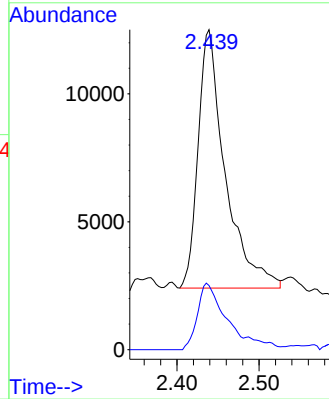
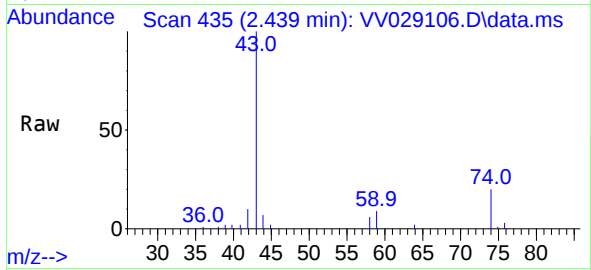




#15
Methyl Acetate
Concen: 4.433 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

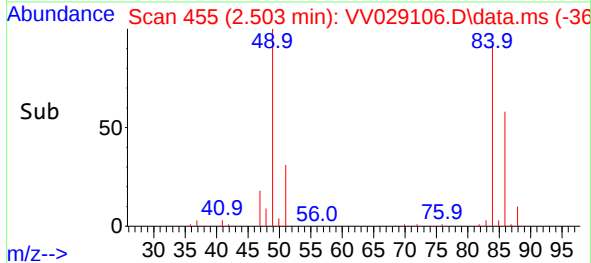
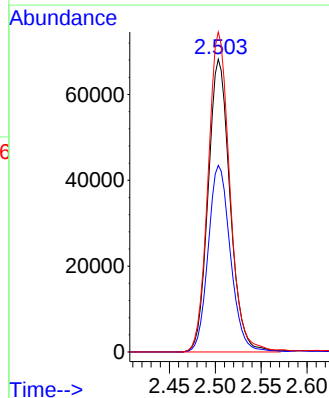
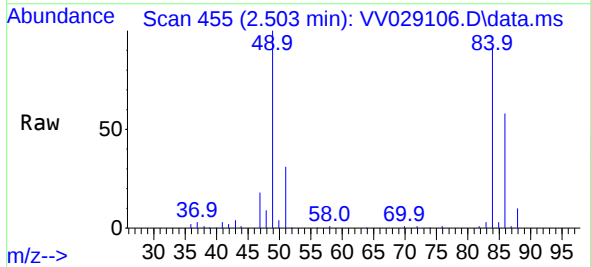
Instrument :
MSVOA_V
ClientSampleId :
VSTD005355

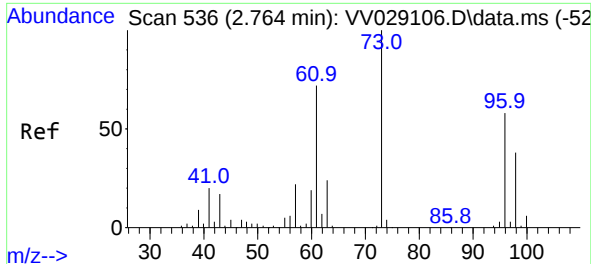
Tgt Ion: 43 Resp: 23221
Ion Ratio Lower Upper
43 100
74 25.0 24.6 37.0



#16
Methylene chloride
Concen: 4.401 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Tgt Ion: 84 Resp: 113253
Ion Ratio Lower Upper
84 100
86 63.7 45.8 85.0
49 109.3 75.5 140.1

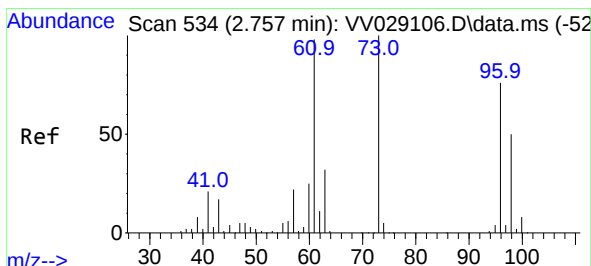
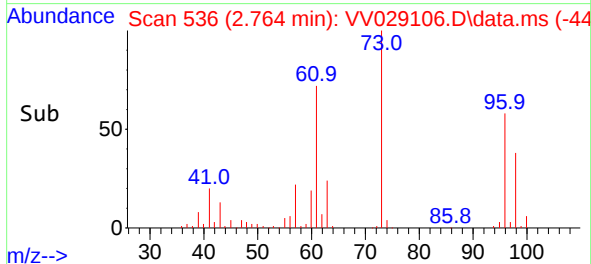
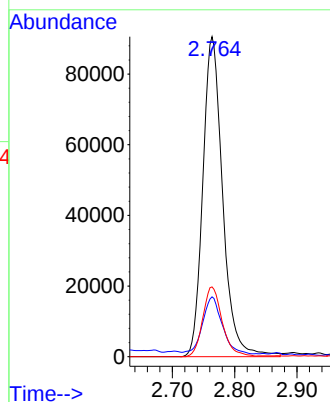
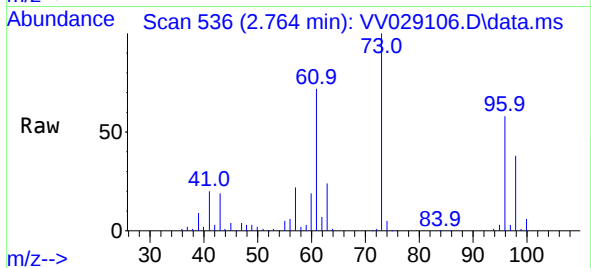




#17
Methyl tert-butyl Ether
Concen: 4.704 ug/L
RT: 2.764 min Scan# 51
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

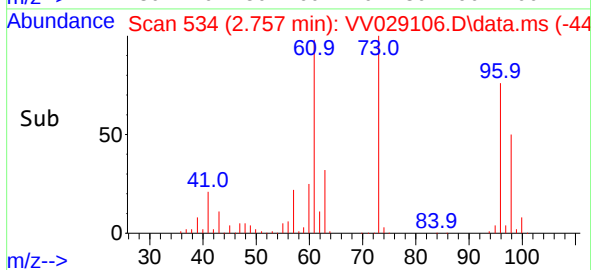
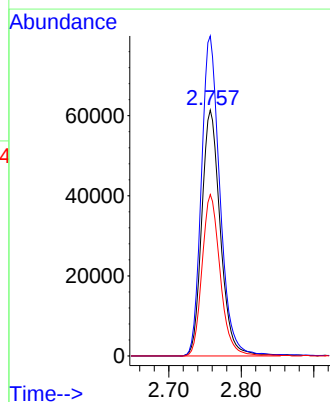
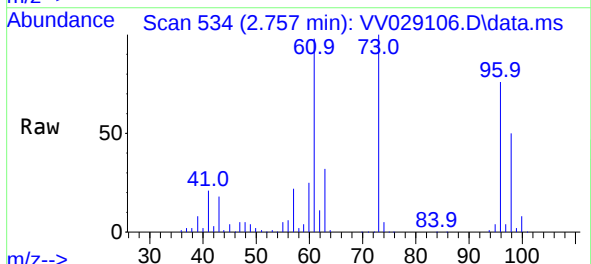
Instrument :
MSVOA_V
ClientSampleId :
VSTD005355

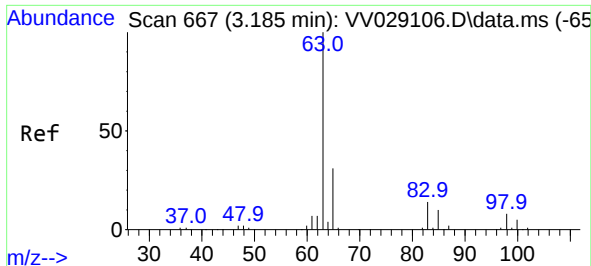
Tgt Ion: 73 Resp: 200718
Ion Ratio Lower Upper
73 100
43 17.5 13.0 19.4
57 21.4 16.6 24.8



#18
trans-1,2-Dichloroethene
Concen: 4.728 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Tgt Ion: 96 Resp: 109130
Ion Ratio Lower Upper
96 100
61 130.1 91.8 170.6
98 65.7 46.4 86.2

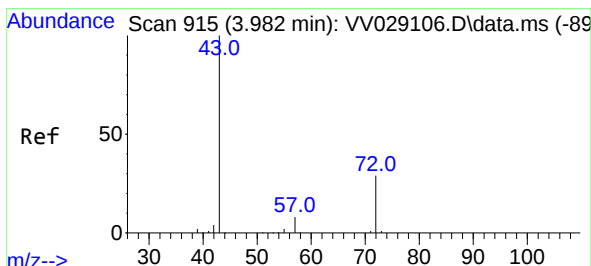
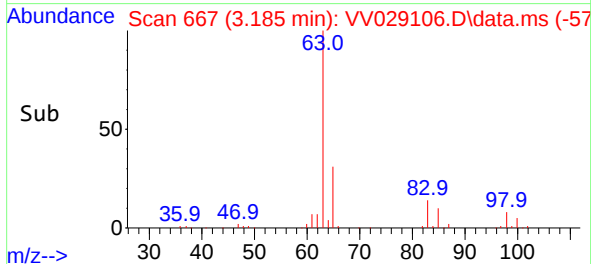
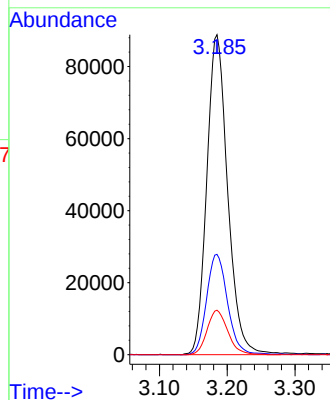
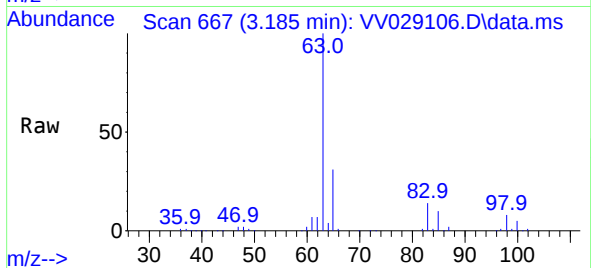




#19
1,1-Dichloroethane
Concen: 5.041 ug/L
RT: 3.185 min Scan# 667
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

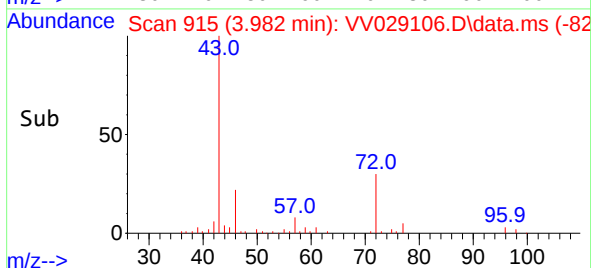
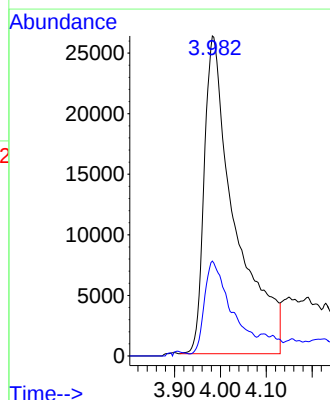
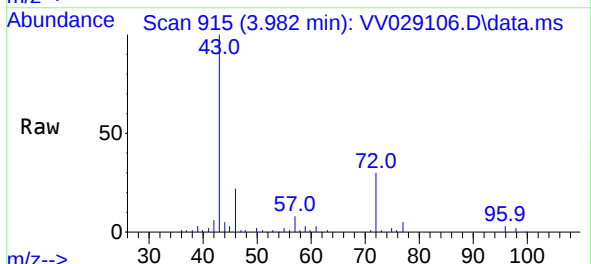
Instrument :
MSVOA_V
ClientSampleId :
VSTD005355

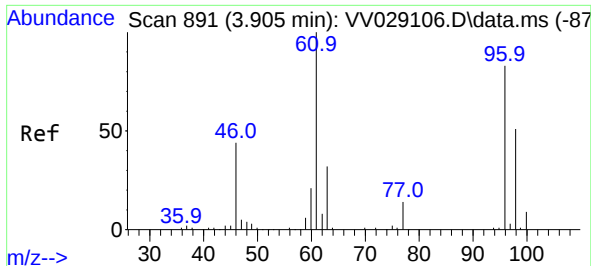
Tgt Ion: 63 Resp: 190205
Ion Ratio Lower Upper
63 100
65 31.4 23.0 42.6
83 13.9 9.4 17.6



#21
2-Butanone
Concen: 36.572 ug/L
RT: 3.982 min Scan# 915
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Tgt Ion: 43 Resp: 122198
Ion Ratio Lower Upper
43 100
72 25.4 11.9 35.9

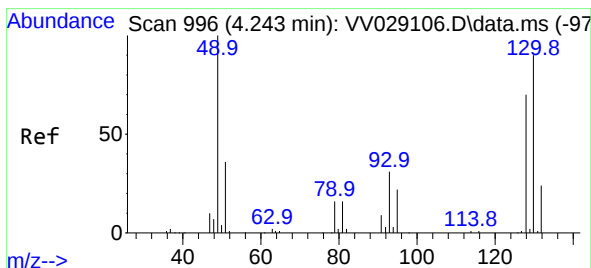
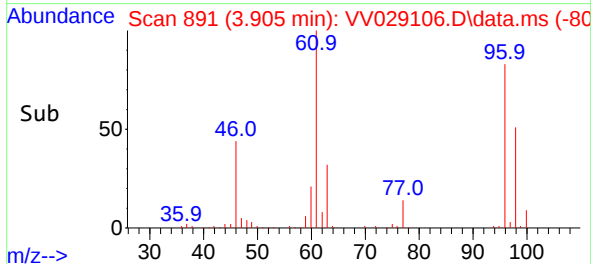
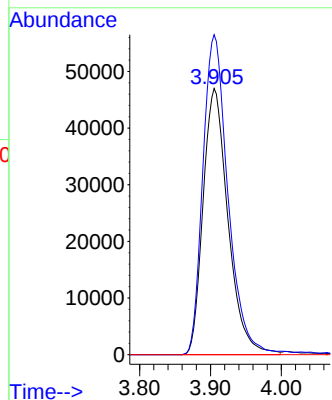
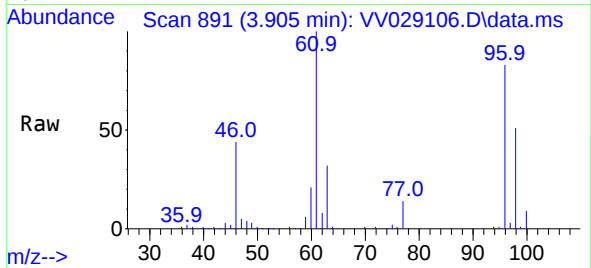




#22
cis-1,2-Dichloroethene
Concen: 4.899 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.007 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

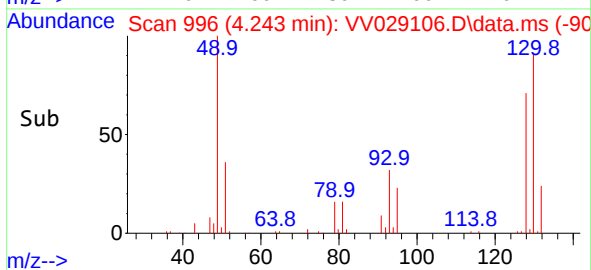
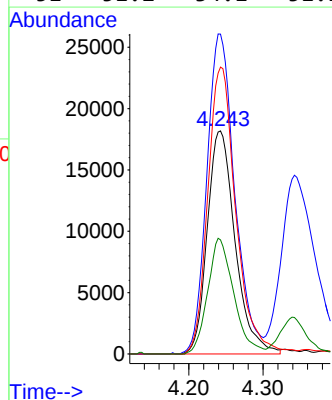
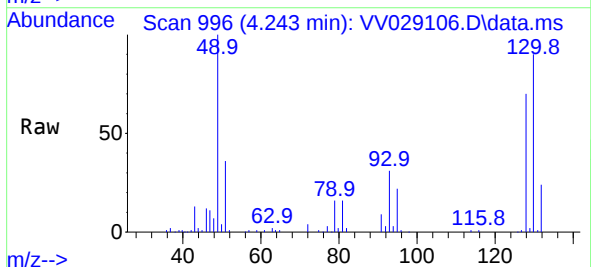
Instrument :
MSVOA_V
ClientSampleId :
VSTD005355

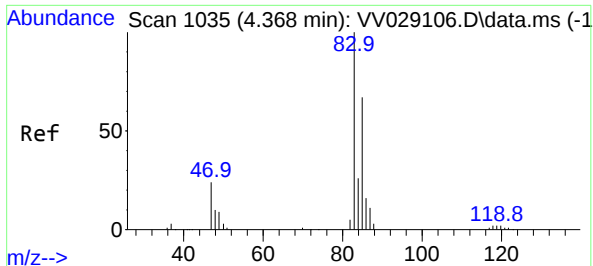
Tgt Ion: 96 Resp: 114966
Ion Ratio Lower Upper
96 100
61 120.2 82.3 152.9
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 4.775 ug/L
RT: 4.243 min Scan# 996
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Tgt Ion: 128 Resp: 47386
Ion Ratio Lower Upper
128 100
49 143.4 89.5 166.1
130 128.6 84.4 156.8
51 51.2 34.1 51.1#





#25

Chloroform

Concen: 4.926 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.007 min

Lab File: VV029106.D

Acq: 18 Nov 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

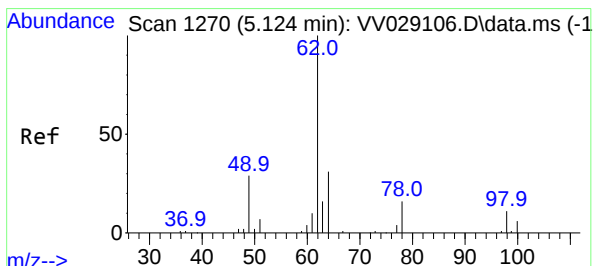
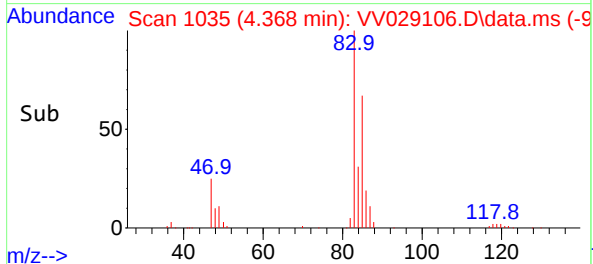
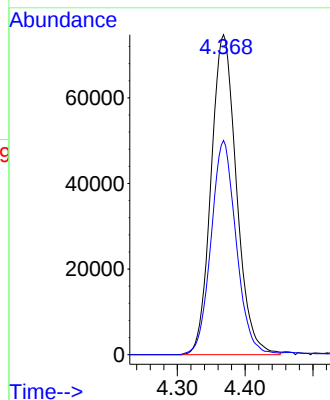
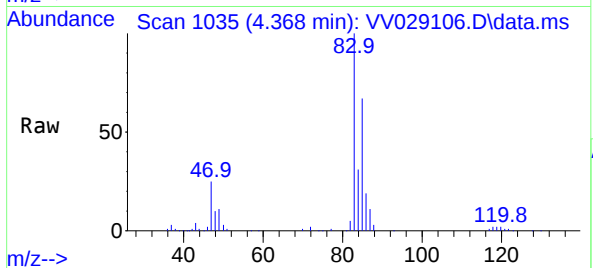
VSTD005355

Tgt Ion: 83 Resp: 194853

Ion Ratio Lower Upper

83 100

85 66.9 43.7 81.1



#27

1,2-Dichloroethane

Concen: 5.002 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.010 min

Lab File: VV029106.D

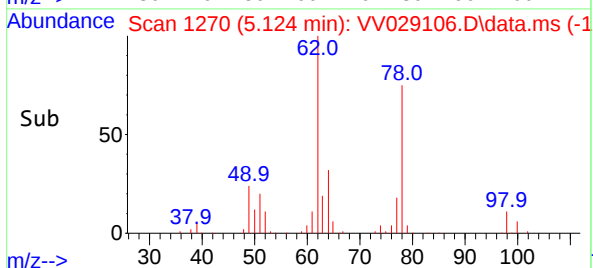
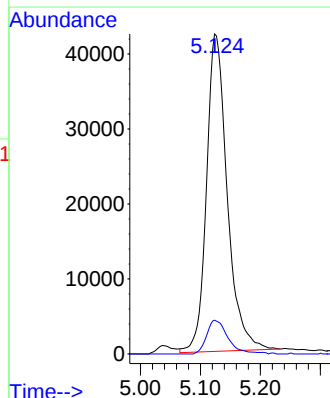
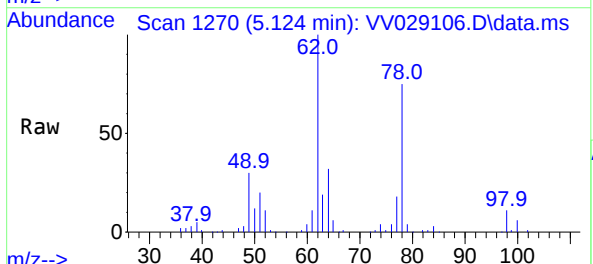
Acq: 18 Nov 2022 10:16

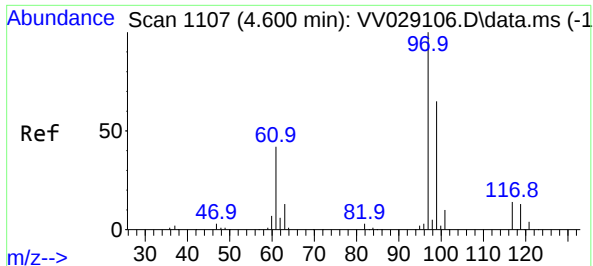
Tgt Ion: 62 Resp: 101906

Ion Ratio Lower Upper

62 100

98 10.6 9.0 13.6





#29

1,1,1-Trichloroethane

Concen: 4.674 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.007 min

Lab File: VV029106.D

Acq: 18 Nov 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD005355

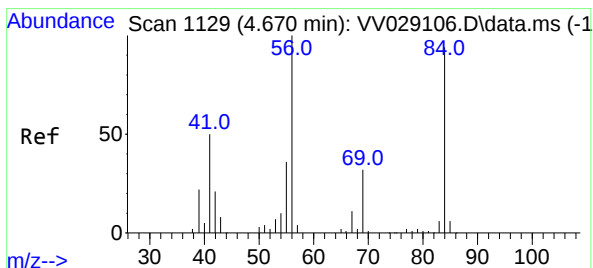
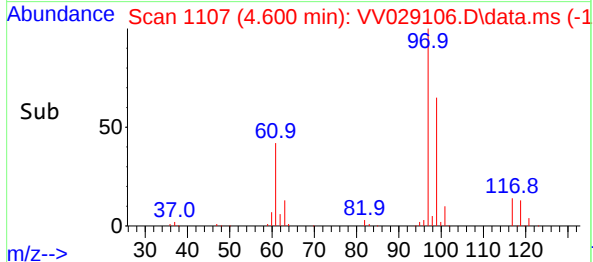
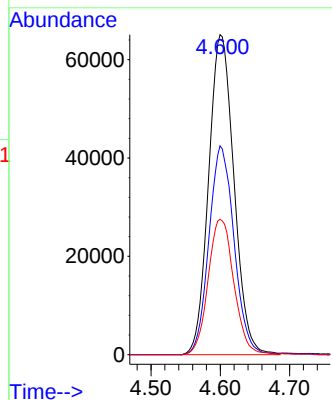
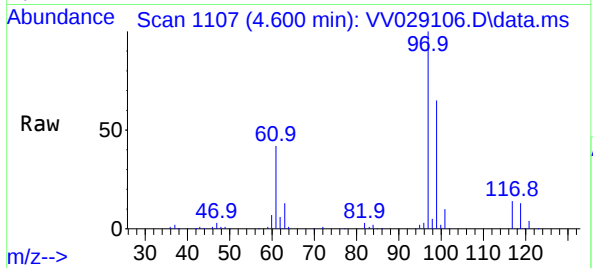
Tgt Ion: 97 Resp: 165425

Ion Ratio Lower Upper

97 100

99 64.6 52.7 79.1

61 43.0 33.8 50.6



#30

Cyclohexane

Concen: 4.807 ug/L

RT: 4.670 min Scan# 1129

Delta R.T. -0.007 min

Lab File: VV029106.D

Acq: 18 Nov 2022 10:16

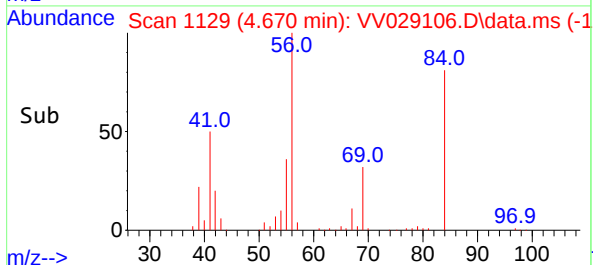
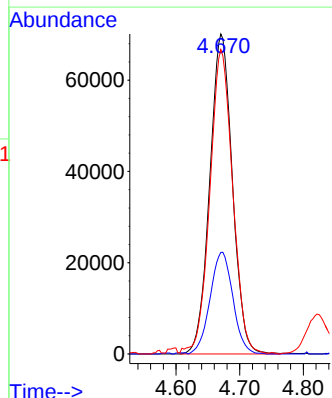
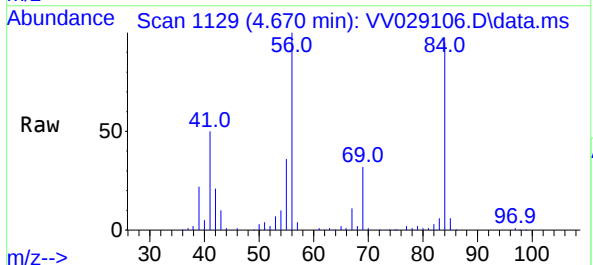
Tgt Ion: 56 Resp: 172919

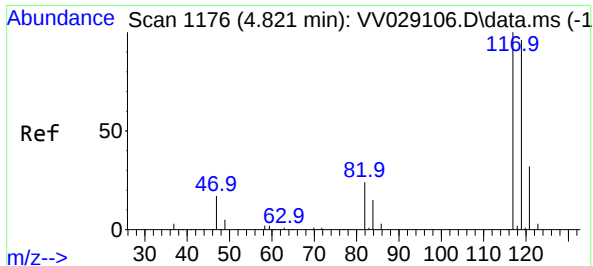
Ion Ratio Lower Upper

56 100

69 32.2 26.1 39.1

84 95.1 77.9 116.9

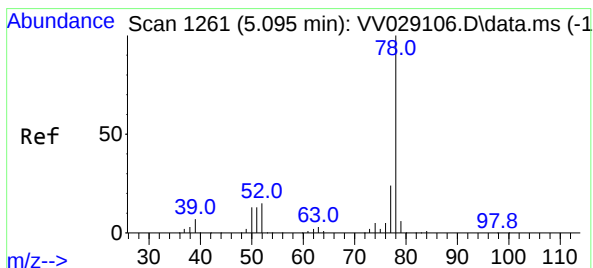
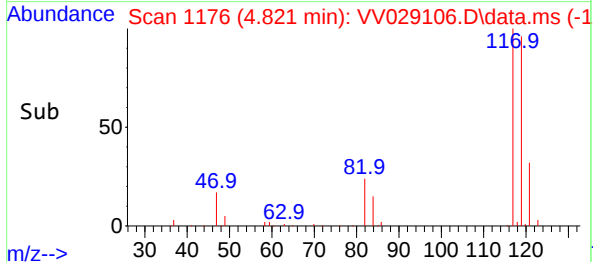
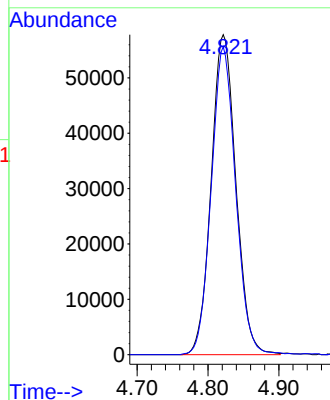
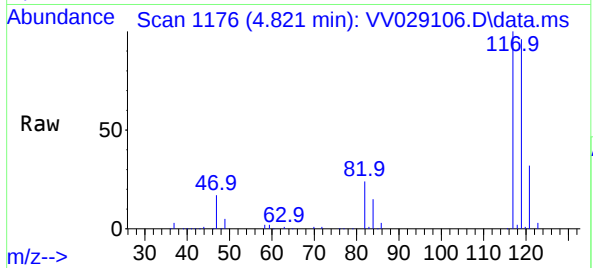




#31
Carbon tetrachloride
Concen: 4.595 ug/L
RT: 4.821 min Scan# 1176
Delta R.T. -0.007 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

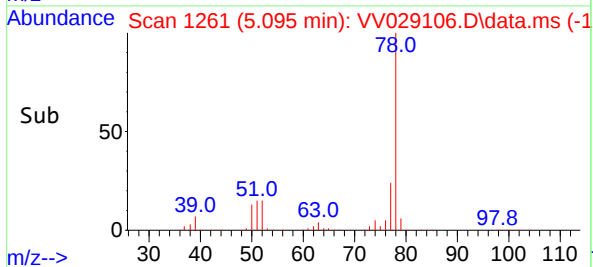
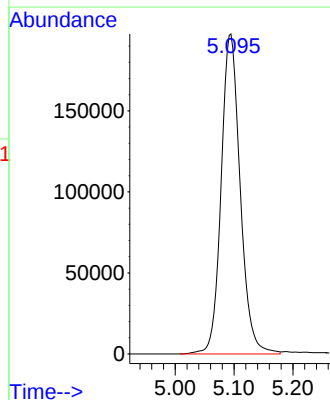
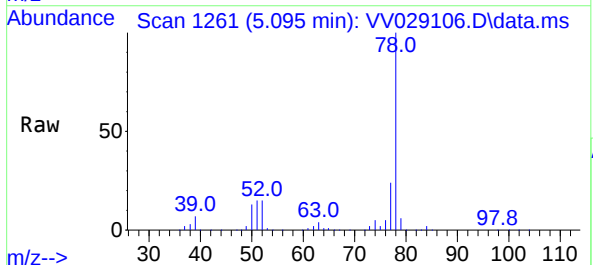
Instrument :
MSVOA_V
ClientSampleId :
VSTD005355

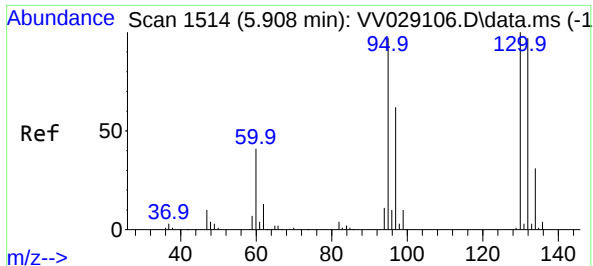
Tgt Ion:117 Resp: 140063
Ion Ratio Lower Upper
117 100
119 95.1 77.0 115.6



#33
Benzene
Concen: 4.824 ug/L
RT: 5.095 min Scan# 1261
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Tgt Ion: 78 Resp: 444588

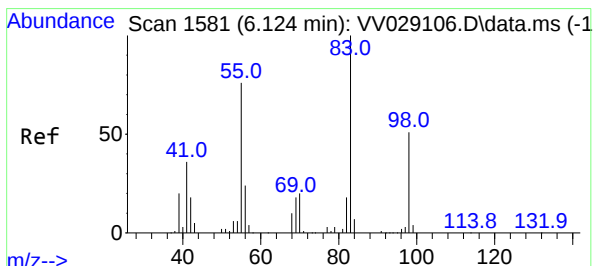
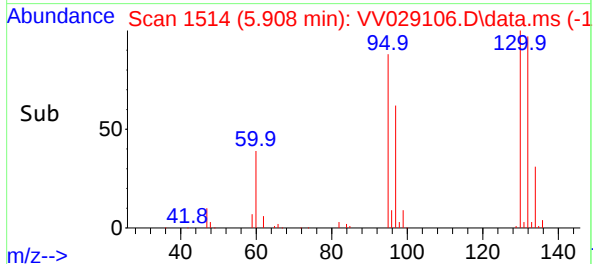
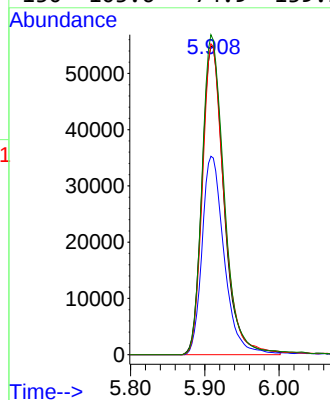
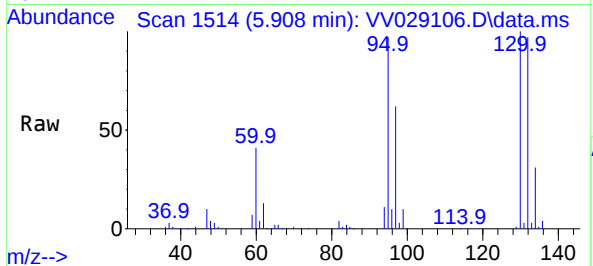




#34
Trichloroethene
Concen: 4.792 ug/L
RT: 5.908 min Scan# 11
Delta R.T. -0.007 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

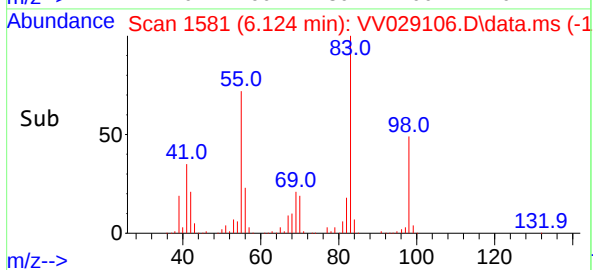
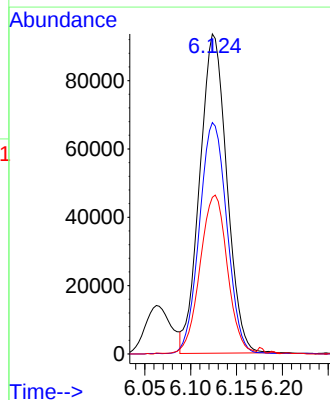
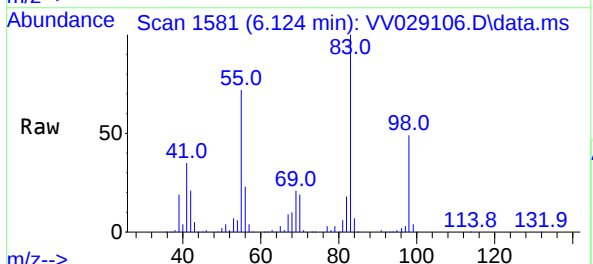
Instrument :
MSVOA_V
ClientSampleId :
VSTD005355

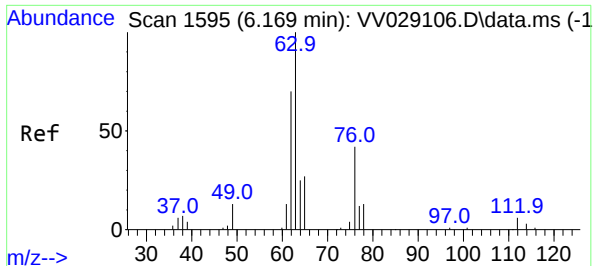
Tgt Ion: 95 Resp: 113068
Ion Ratio Lower Upper
95 100
97 64.2 45.6 84.8
132 100.6 69.1 128.3
130 103.6 74.9 139.1



#35
Methylcyclohexane
Concen: 4.628 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.007 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Tgt Ion: 83 Resp: 191916
Ion Ratio Lower Upper
83 100
55 73.2 55.8 83.6
98 49.8 38.2 57.2

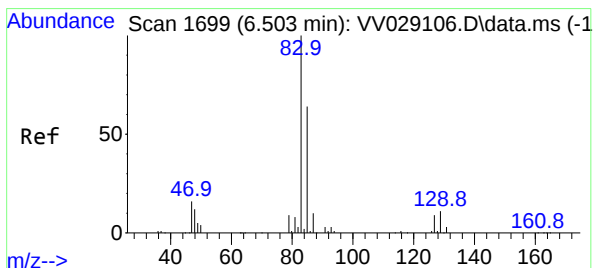
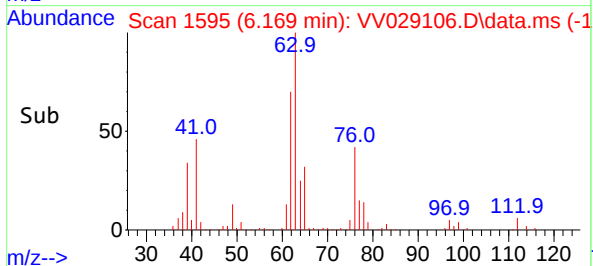
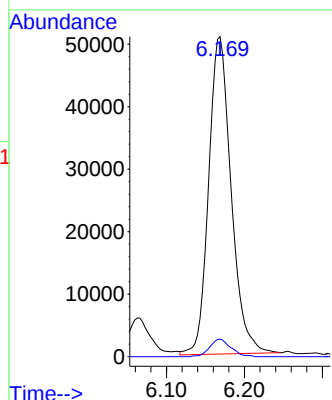
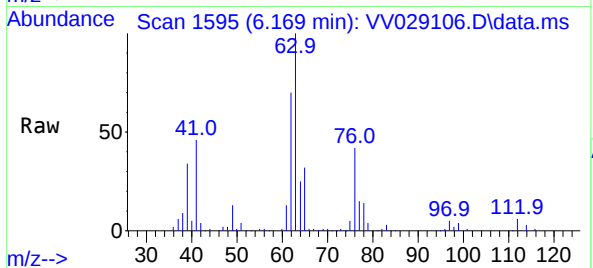




#37
1,2-Dichloropropane
Concen: 4.799 ug/L
RT: 6.169 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

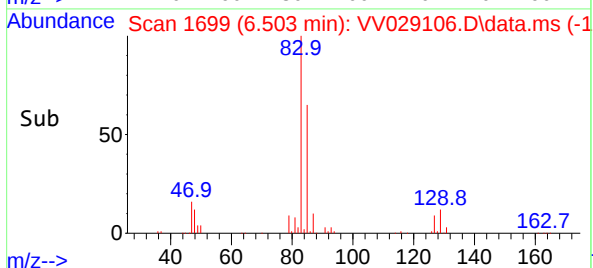
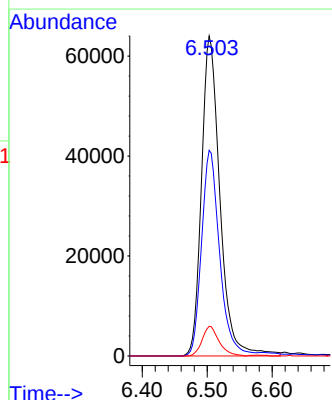
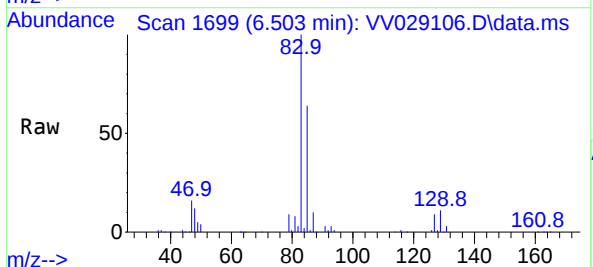
Instrument :
MSVOA_V
ClientSampleId :
VSTD005355

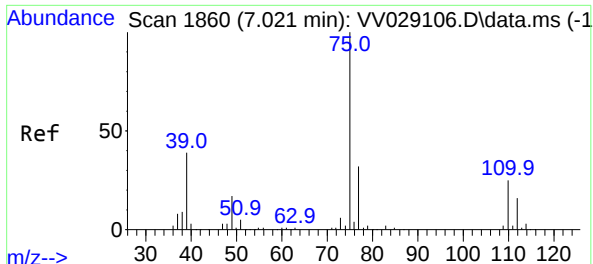
Tgt Ion: 63 Resp: 102007
Ion Ratio Lower Upper
63 100
112 5.2 4.0 6.0



#38
Bromodichloromethane
Concen: 4.702 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Tgt Ion: 83 Resp: 126565
Ion Ratio Lower Upper
83 100
85 64.2 46.1 85.5
127 9.2 6.7 10.1

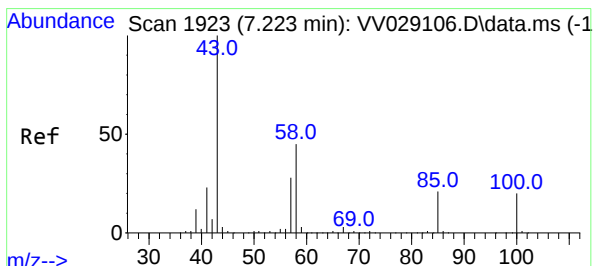
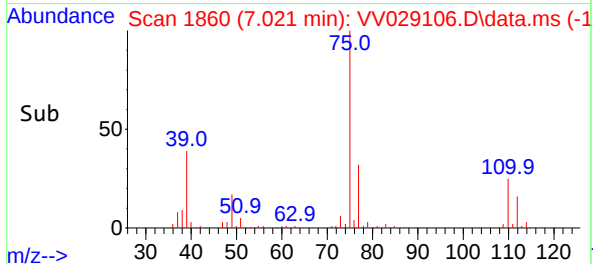
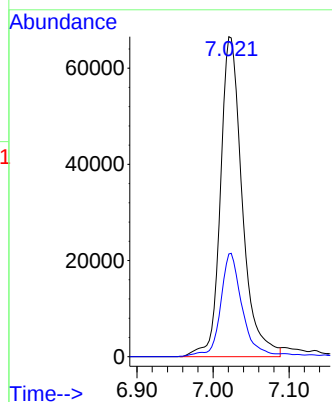
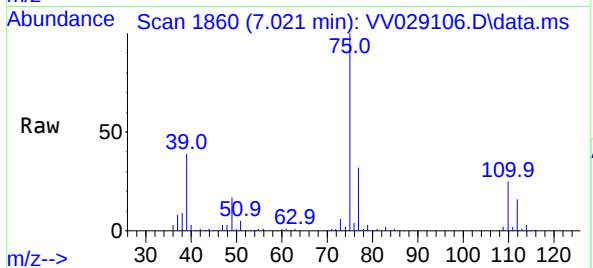




#39
cis-1,3-Dichloropropene
Concen: 4.469 ug/L
RT: 7.021 min Scan# 1860
Delta R.T. -0.007 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

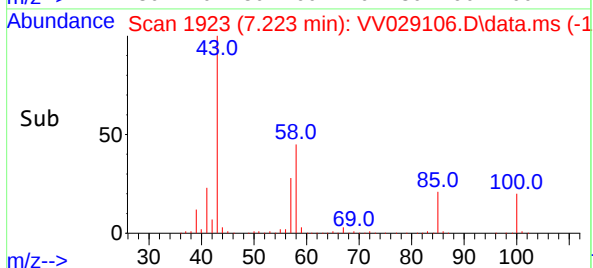
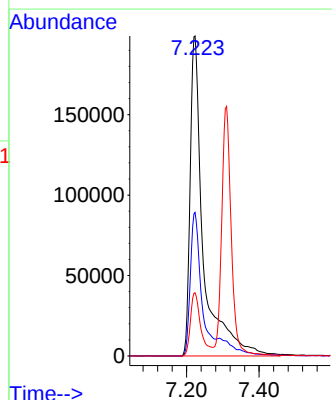
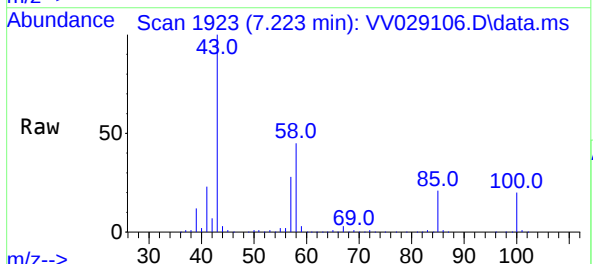
Instrument : MSVOA_V
ClientSampleId : VSTD005355

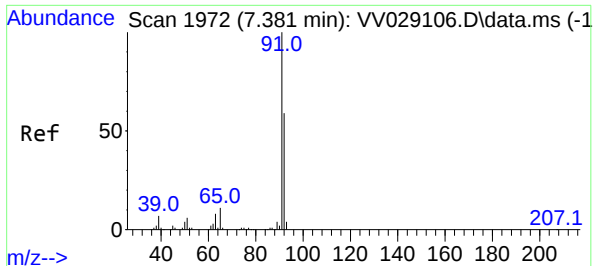
Tgt Ion: 75 Resp: 132620
Ion Ratio Lower Upper
75 100
77 32.1 21.8 40.6



#40
4-Methyl-2-pentanone
Concen: 55.555 ug/L
RT: 7.223 min Scan# 1923
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Tgt Ion: 43 Resp: 508032
Ion Ratio Lower Upper
43 100
58 36.5 36.6 55.0#
100 15.5 14.5 21.7

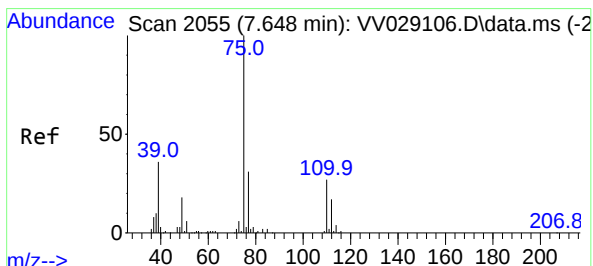
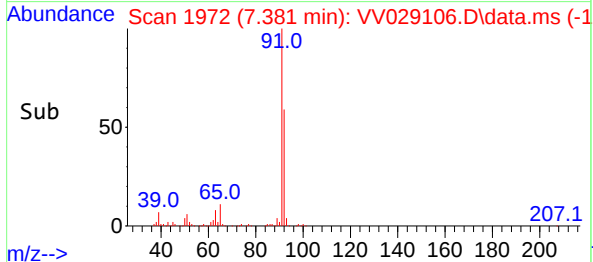
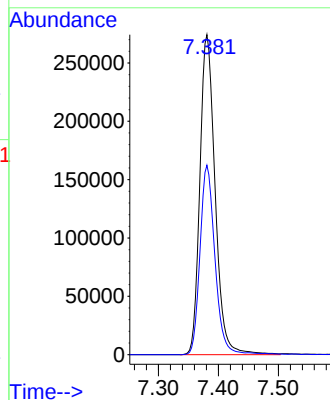
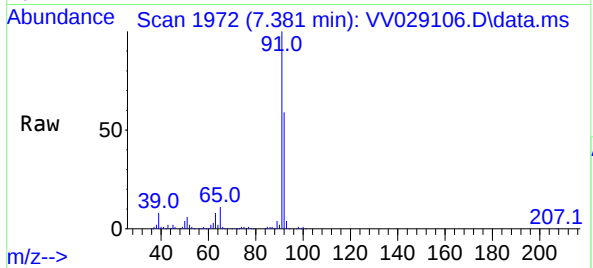




#42
Toluene
Concen: 4.892 ug/L
RT: 7.381 min Scan# 1972
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

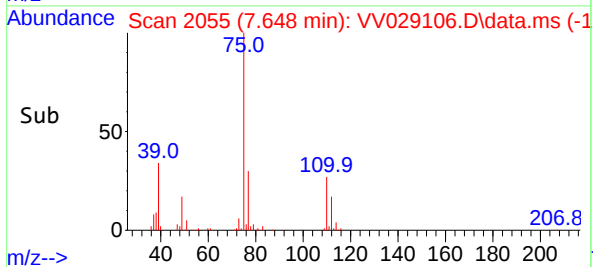
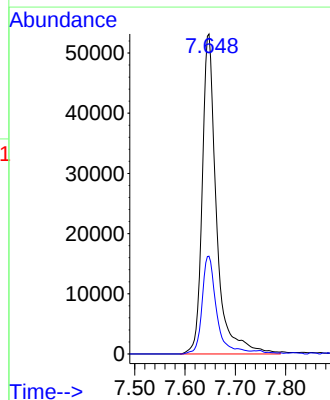
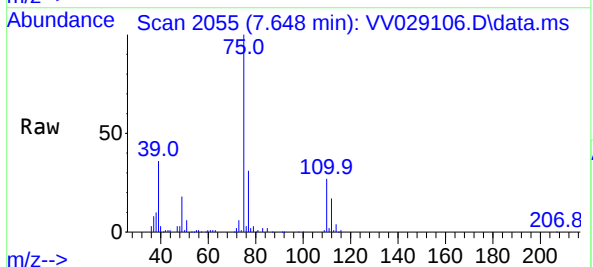
Instrument : MSVOA_V
ClientSampleId : VSTD005355

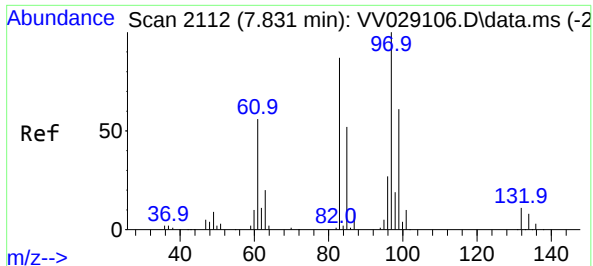
Tgt Ion: 91 Resp: 487156
Ion Ratio Lower Upper
91 100
92 59.2 40.7 75.5



#44
trans-1,3-Dichloropropene
Concen: 4.576 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Tgt Ion: 75 Resp: 105417
Ion Ratio Lower Upper
75 100
77 30.6 22.2 41.2



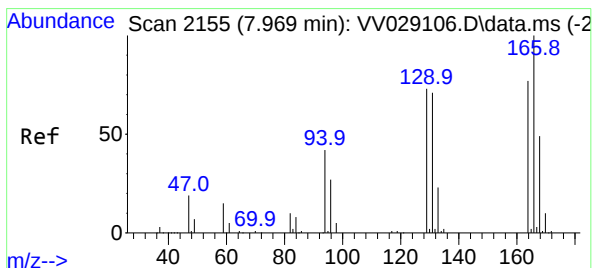
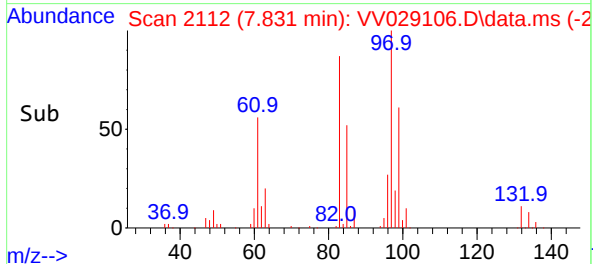
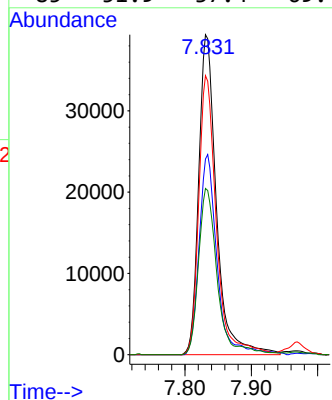
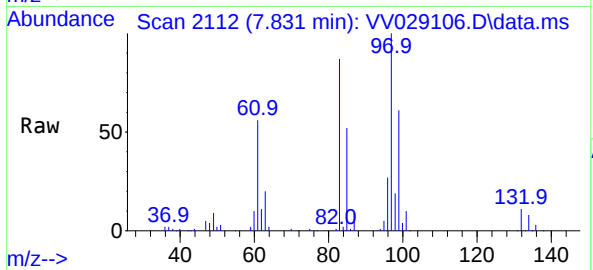


#45
1,1,2-Trichloroethane
Concen: 5.262 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Instrument :
MSVOA_V
ClientSampleId :
VSTD005355

Tgt Ion: 97 Resp: 73215

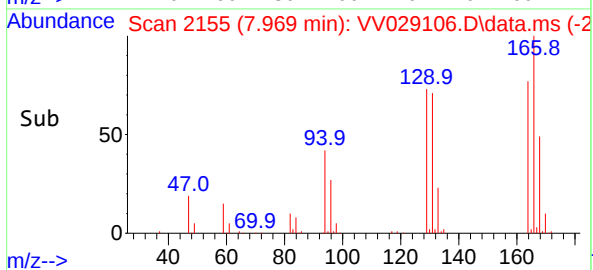
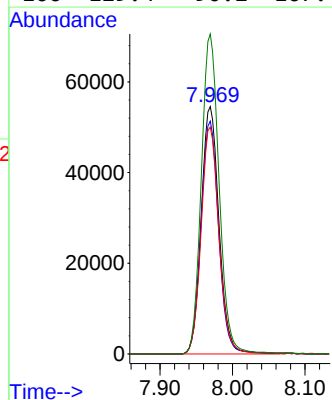
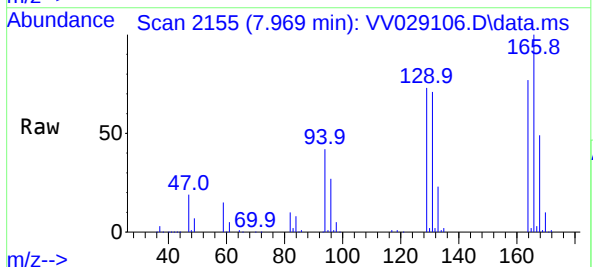
Ion	Ratio	Lower	Upper
97	100		
99	61.2	41.5	77.1
83	87.2	60.0	111.4
85	51.9	37.4	69.4

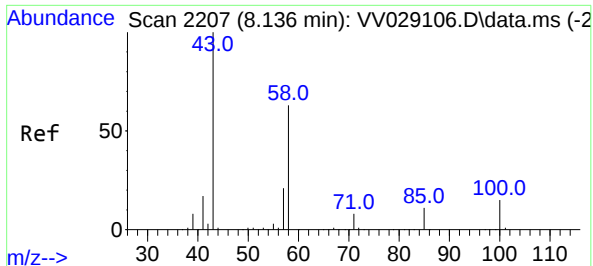


#47
Tetrachloroethene
Concen: 4.934 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Tgt Ion: 164 Resp: 93229

Ion	Ratio	Lower	Upper
164	100		
129	94.1	63.9	118.7
131	91.8	61.8	114.8
166	129.4	90.2	167.4



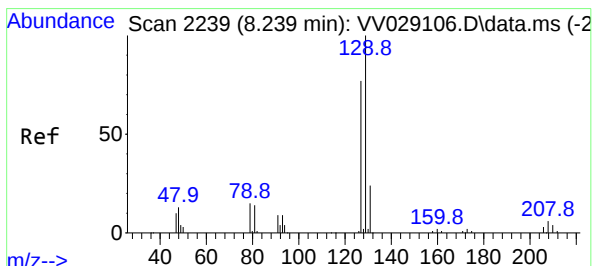
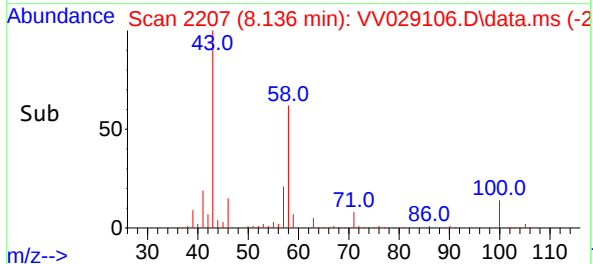
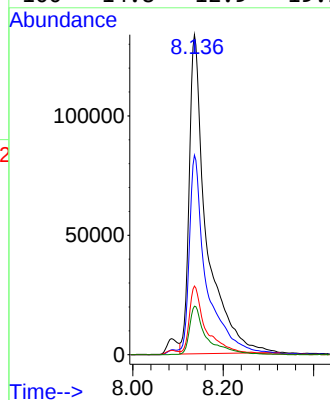
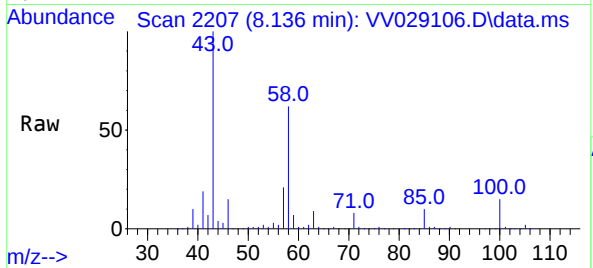


#48
2-Hexanone
Concen: 55.542 ug/L
RT: 8.136 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Instrument :
MSVOA_V
ClientSampleId :
VSTD005355

Tgt Ion: 43 Resp: 355790

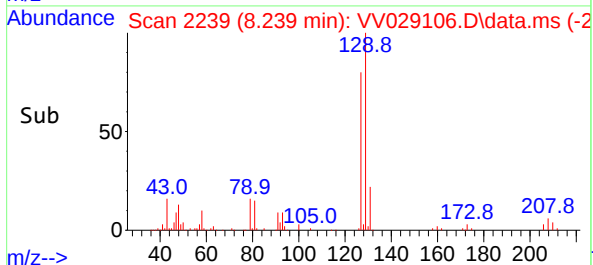
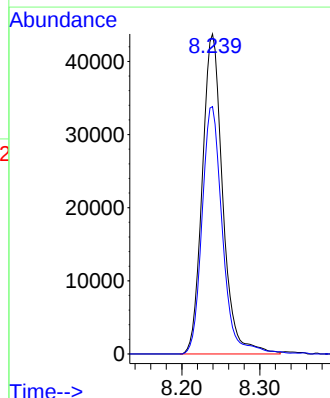
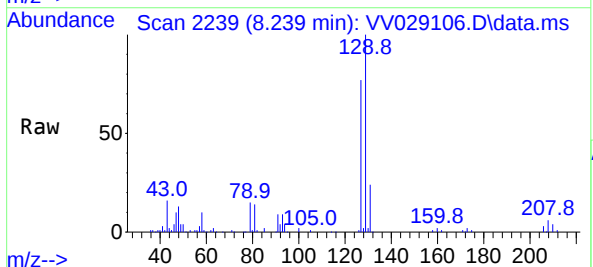
Ion	Ratio	Lower	Upper
43	100		
58	62.0	50.2	75.4
57	19.6	17.8	26.8
100	14.8	12.9	19.3

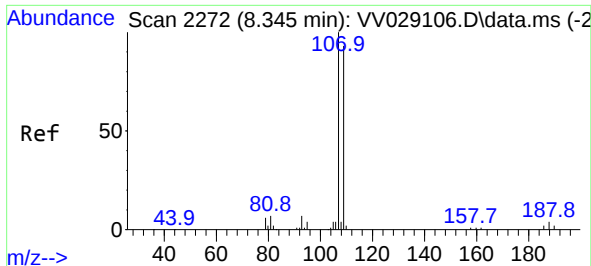


#49
Dibromochloromethane
Concen: 4.740 ug/L
RT: 8.239 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Tgt Ion: 129 Resp: 79734

Ion	Ratio	Lower	Upper
129	100		
127	77.3	54.5	101.1

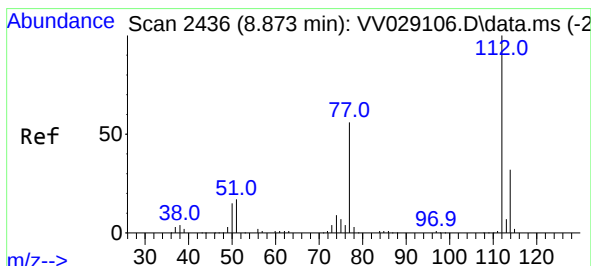
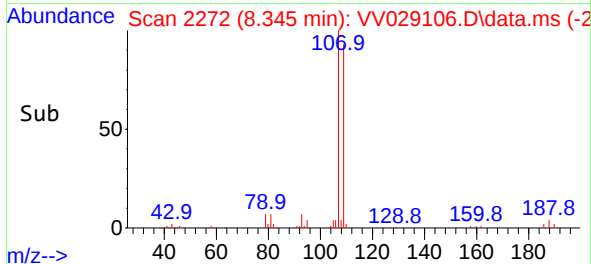
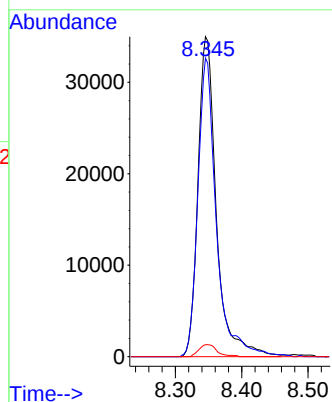
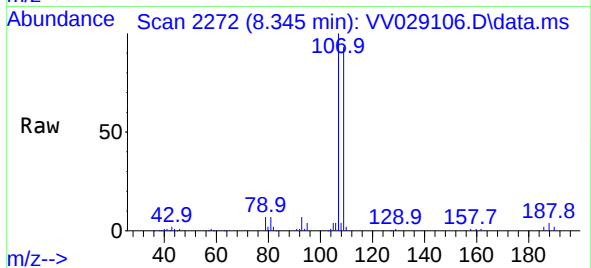




#50
1,2-Dibromoethane
Concen: 5.202 ug/L
RT: 8.345 min Scan# 211
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

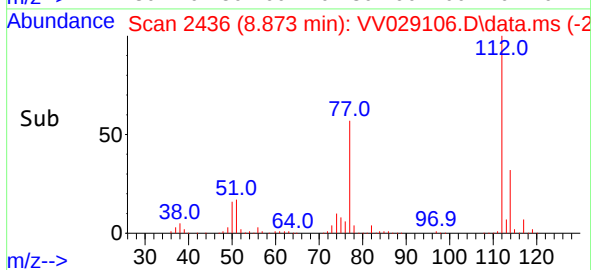
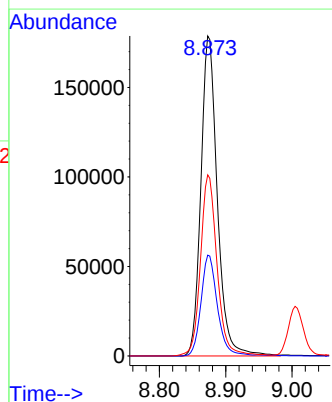
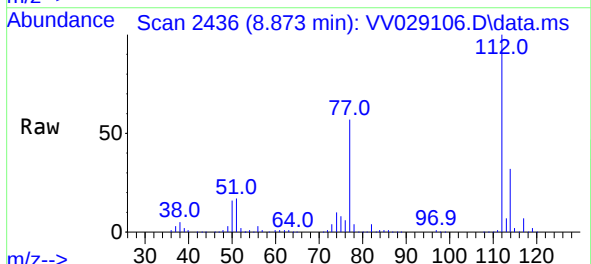
Instrument :
MSVOA_V
ClientSampleId :
VSTD005355

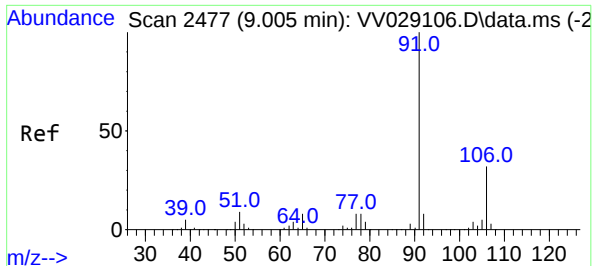
Tgt Ion:107 Resp: 67237
Ion Ratio Lower Upper
107 100
109 93.3 64.4 119.6
188 3.8 2.9 4.3



#51
Chlorobenzene
Concen: 4.996 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Tgt Ion:112 Resp: 307601
Ion Ratio Lower Upper
112 100
114 31.5 22.4 41.6
77 56.6 44.4 66.6

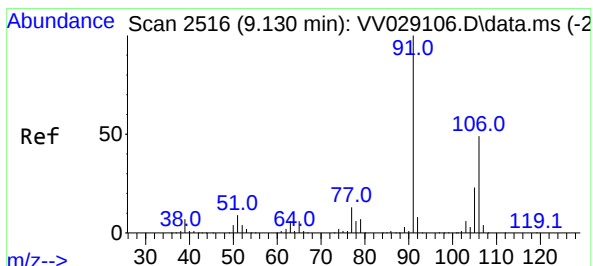
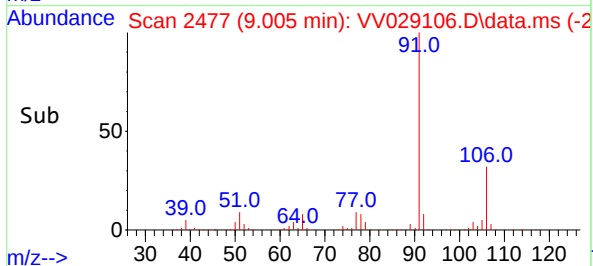
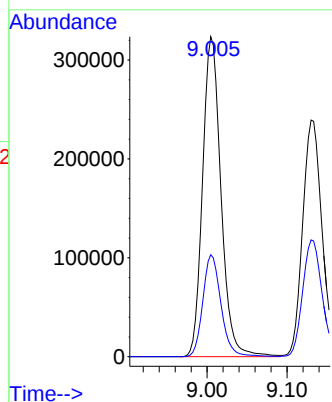
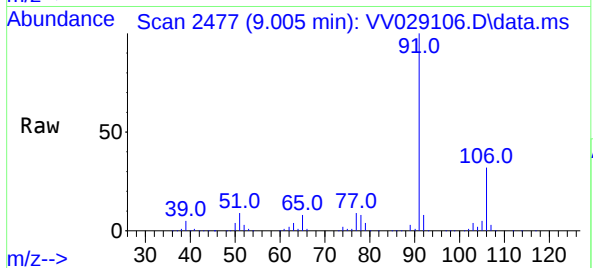




#52
Ethylbenzene
Concen: 5.015 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

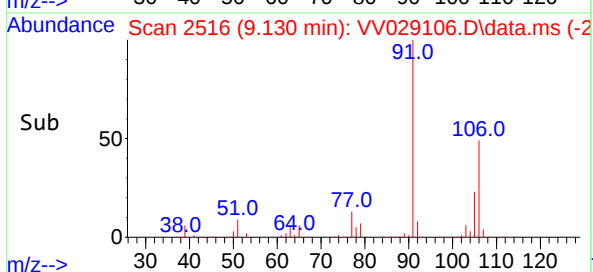
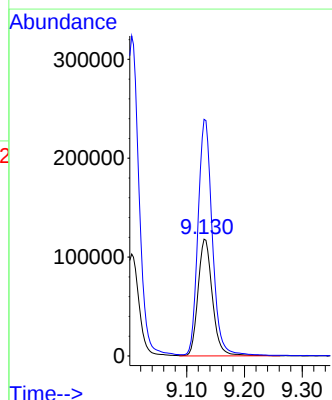
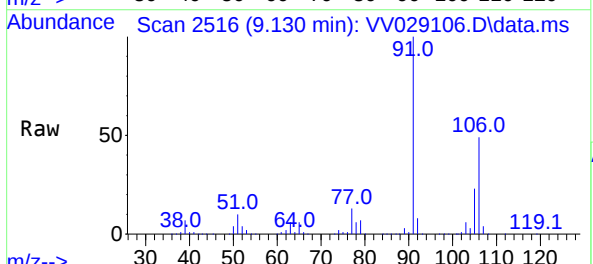
Instrument :
MSVOA_V
ClientSampleId :
VSTD005355

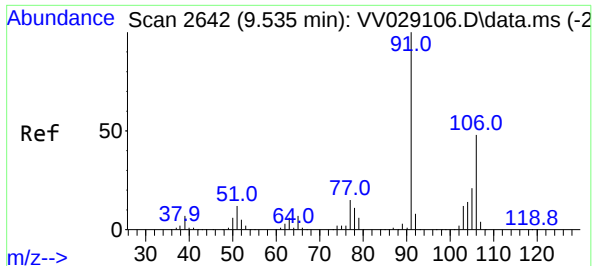
Tgt Ion: 91 Resp: 519867
Ion Ratio Lower Upper
91 100
106 31.9 21.6 40.2



#53
m,p-Xylene
Concen: 4.938 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Tgt Ion: 106 Resp: 203605
Ion Ratio Lower Upper
106 100
91 202.7 139.1 258.3

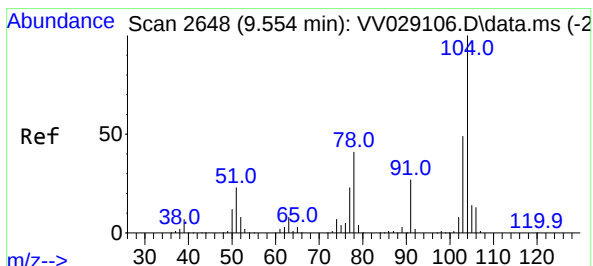
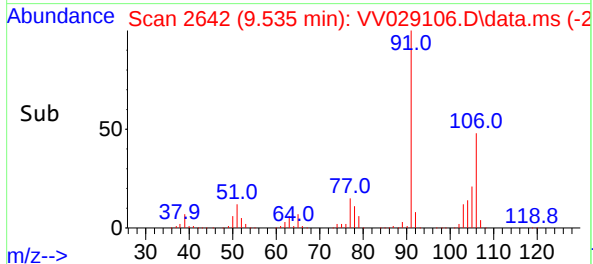
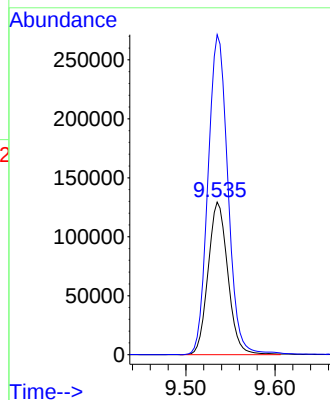
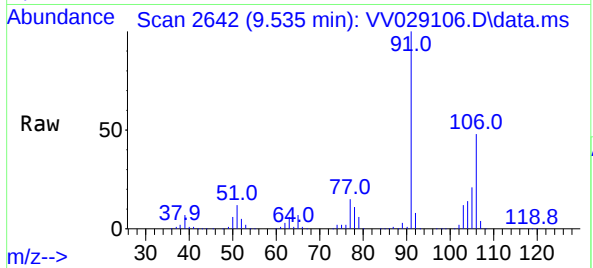




#54
o-Xylene
Concen: 5.079 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

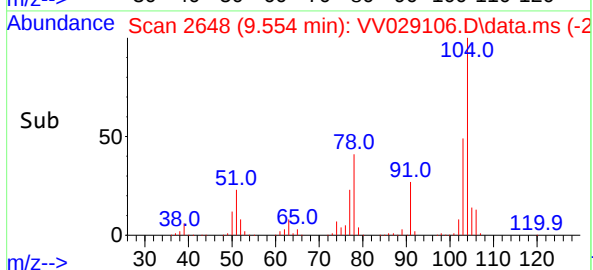
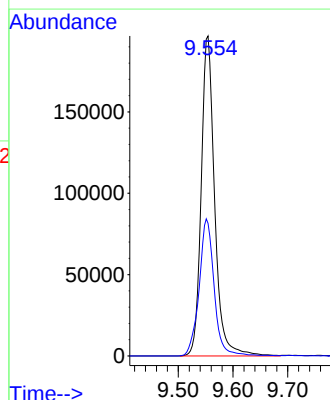
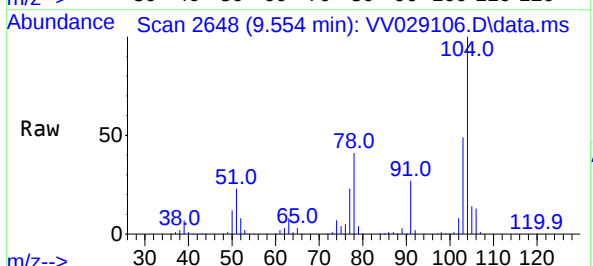
Instrument :
MSVOA_V
ClientSampleId :
VSTD005355

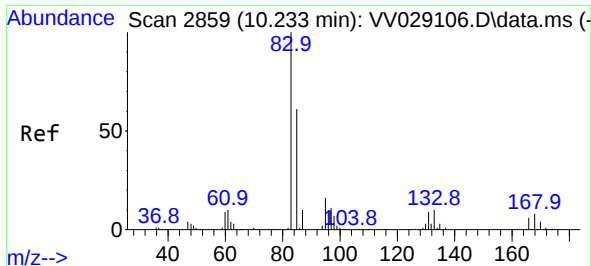
Tgt Ion:106 Resp: 199068
Ion Ratio Lower Upper
106 100
91 209.7 145.7 270.7



#55
Styrene
Concen: 5.117 ug/L
RT: 9.554 min Scan# 2648
Delta R.T. -0.000 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Tgt Ion:104 Resp: 336368
Ion Ratio Lower Upper
104 100
78 41.4 30.1 55.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.307 ug/L

RT: 10.233 min Scan# 2859

Delta R.T. -0.003 min

Lab File: VV029106.D

Acq: 18 Nov 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD005355

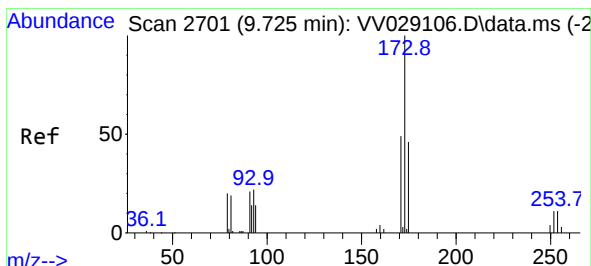
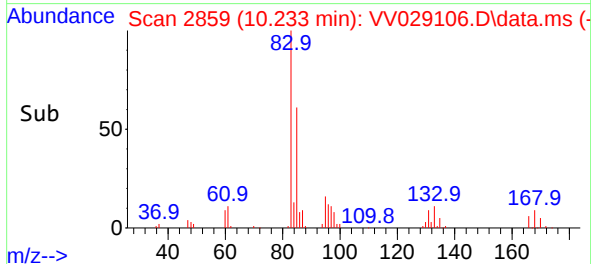
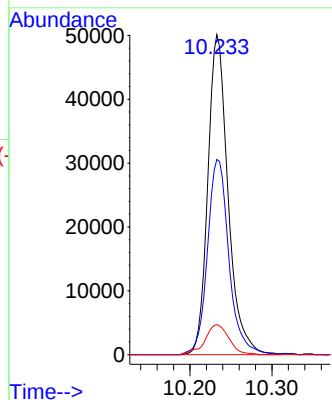
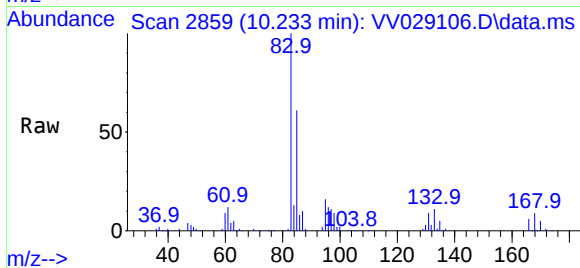
Tgt Ion: 83 Resp: 86071

Ion Ratio Lower Upper

83 100

85 61.0 45.2 84.0

131 9.4 7.5 11.3



#59

Bromoform

Concen: 4.610 ug/L

RT: 9.725 min Scan# 2701

Delta R.T. -0.003 min

Lab File: VV029106.D

Acq: 18 Nov 2022 10:16

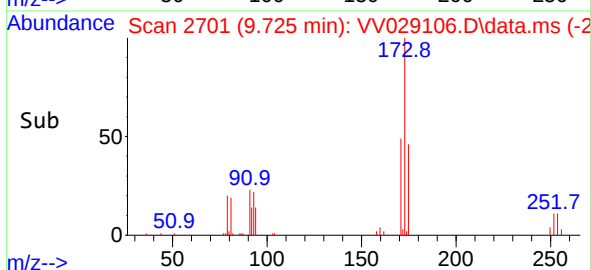
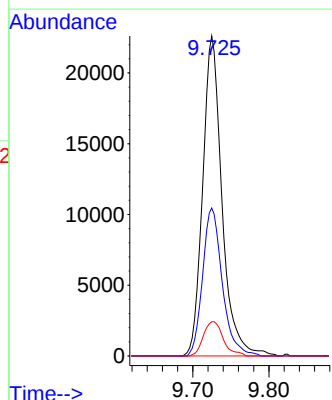
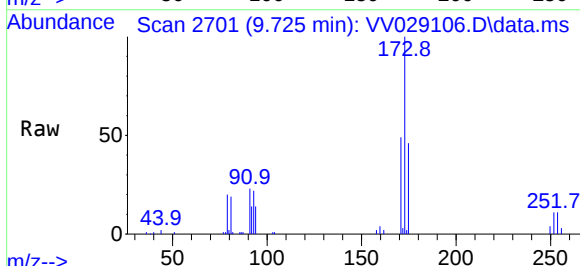
Tgt Ion: 173 Resp: 39857

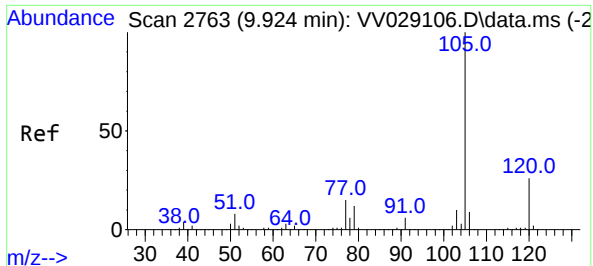
Ion Ratio Lower Upper

173 100

175 47.1 38.2 57.4

254 11.1 8.5 12.7

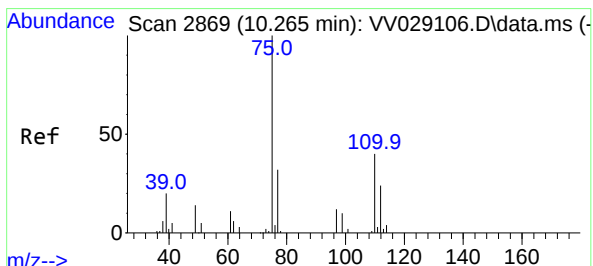
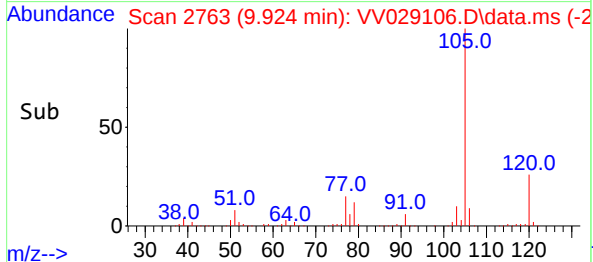
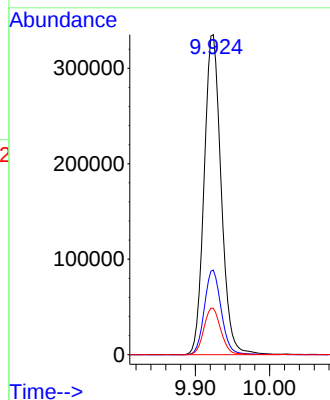
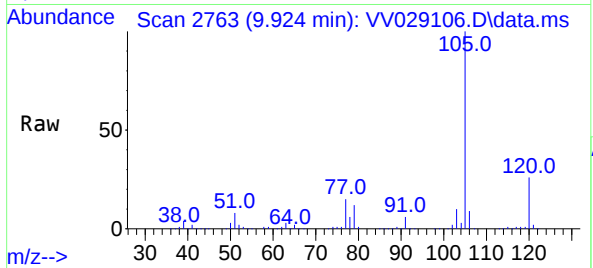




#60
Isopropylbenzene
Concen: 5.180 ug/L
RT: 9.924 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

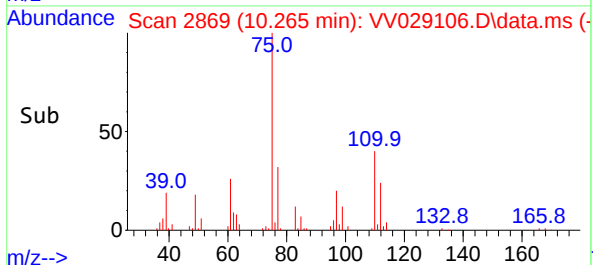
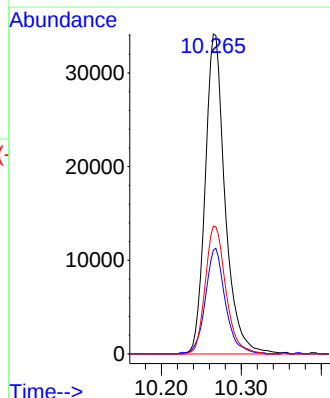
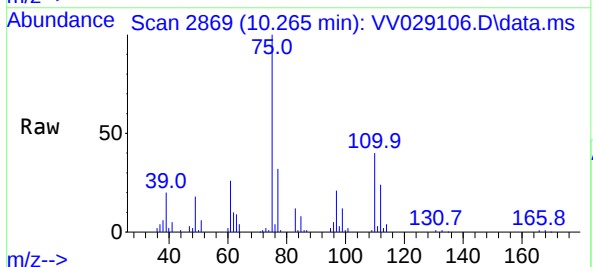
Instrument :
MSVOA_V
ClientSampleId :
VSTD005355

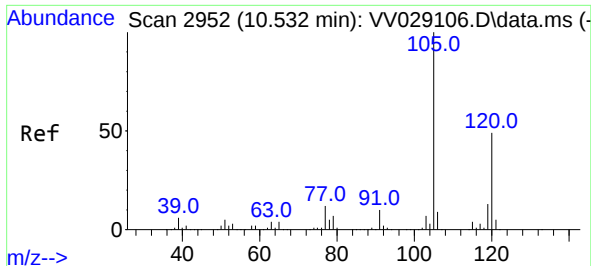
Tgt Ion:105 Resp: 533253
Ion Ratio Lower Upper
105 100
120 26.3 21.3 31.9
77 14.6 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.456 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Tgt Ion: 75 Resp: 59133
Ion Ratio Lower Upper
75 100
77 33.3 26.2 39.2
110 41.3 32.6 48.8

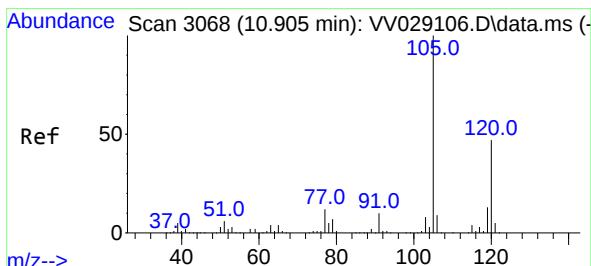
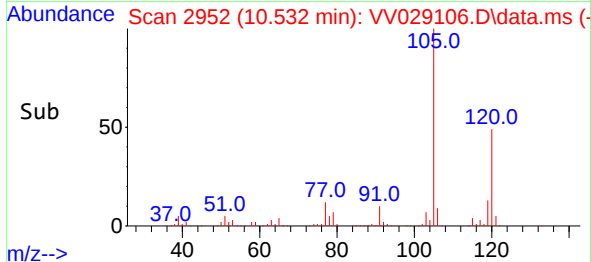
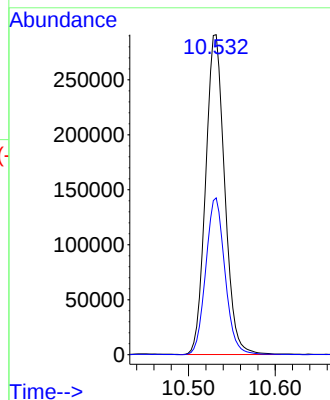
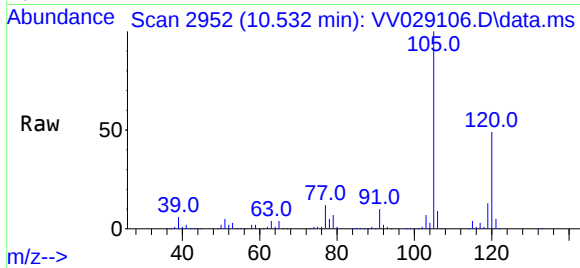




#62
1,3,5-Trimethylbenzene
Concen: 5.098 ug/L
RT: 10.532 min Scan# 2952
Delta R.T. -0.000 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

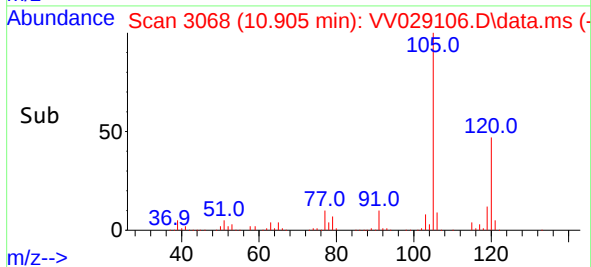
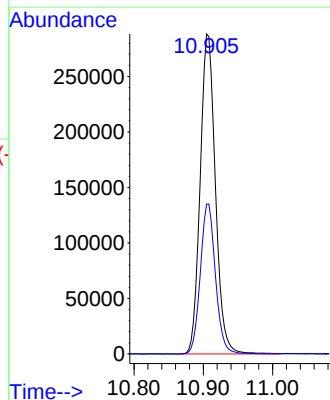
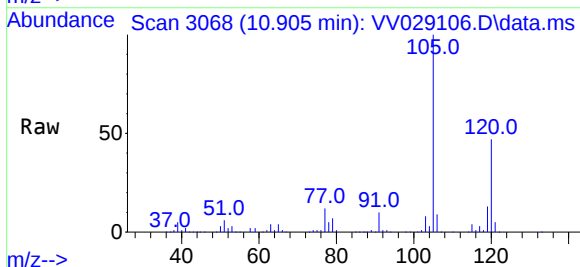
Instrument :
MSVOA_V
ClientSampleId :
VSTD005355

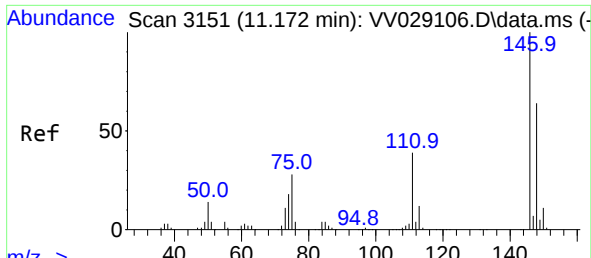
Tgt Ion:105 Resp: 444608
Ion Ratio Lower Upper
105 100
120 49.4 39.9 59.9



#63
1,2,4-Trimethylbenzene
Concen: 5.045 ug/L
RT: 10.905 min Scan# 3068
Delta R.T. -0.000 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Tgt Ion:105 Resp: 440722
Ion Ratio Lower Upper
105 100
120 46.5 37.8 56.8

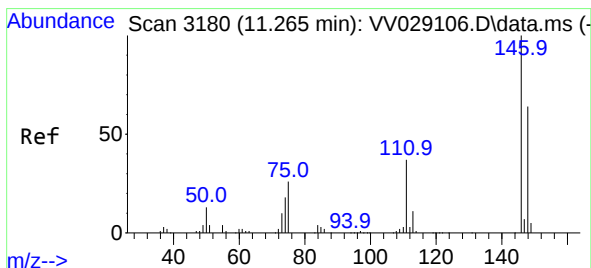
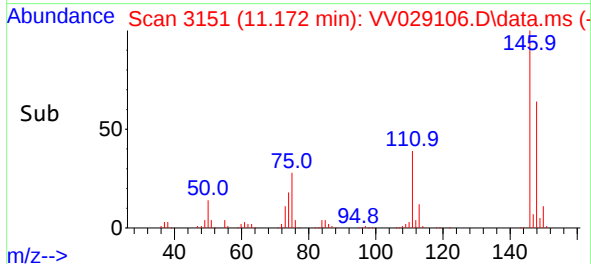
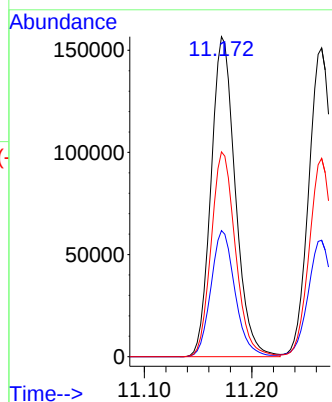
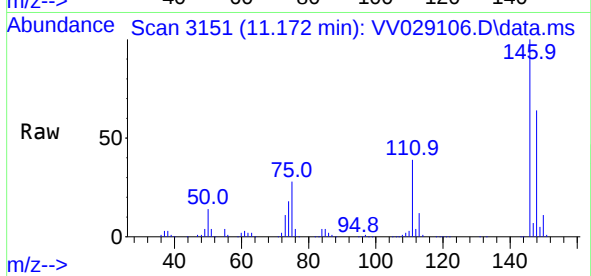




#64
1,3-Dichlorobenzene
Concen: 5.078 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

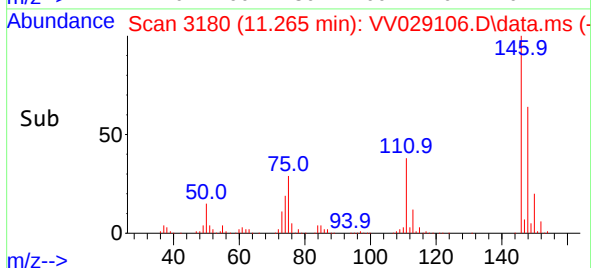
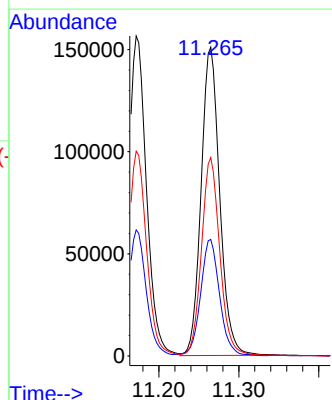
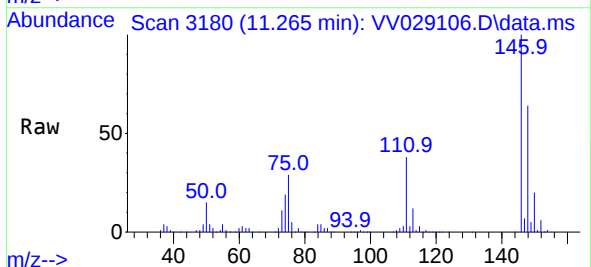
Instrument :
MSVOA_V
ClientSampleId :
VSTD005355

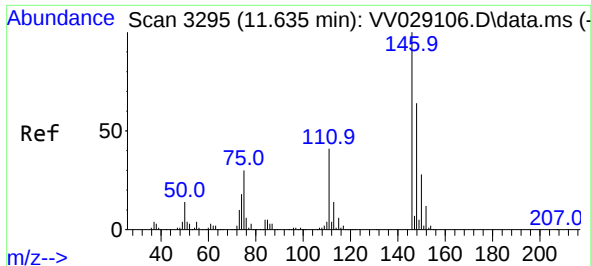
Tgt Ion:146 Resp: 245596
Ion Ratio Lower Upper
146 100
111 39.4 26.9 50.1
148 64.0 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 5.038 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. -0.000 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Tgt Ion:146 Resp: 244985
Ion Ratio Lower Upper
146 100
111 37.7 26.5 49.3
148 64.2 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 5.175 ug/L

RT: 11.635 min Scan# 3295

Delta R.T. -0.000 min

Lab File: VV029106.D

Acq: 18 Nov 2022 10:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD005355

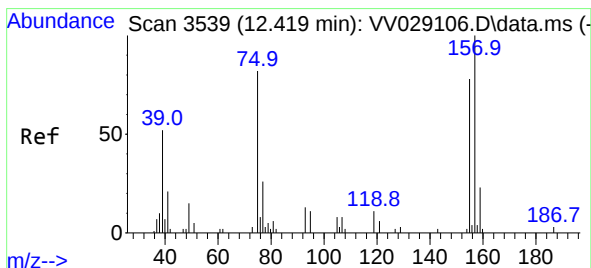
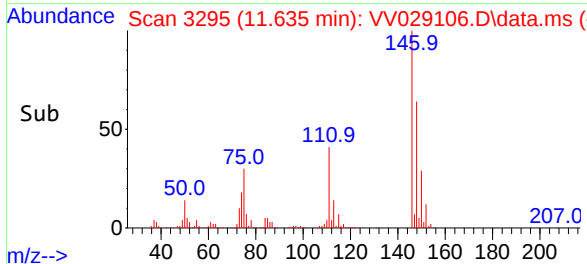
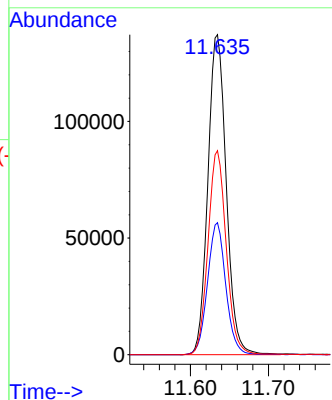
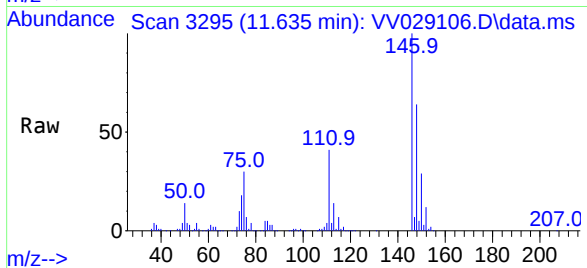
Tgt Ion:146 Resp: 224892

Ion Ratio Lower Upper

146 100

111 41.2 32.4 48.6

148 63.7 49.4 74.2



#68

1,2-Dibromo-3-chloropropane

Concen: 4.266 ug/L

RT: 12.419 min Scan# 3539

Delta R.T. -0.000 min

Lab File: VV029106.D

Acq: 18 Nov 2022 10:16

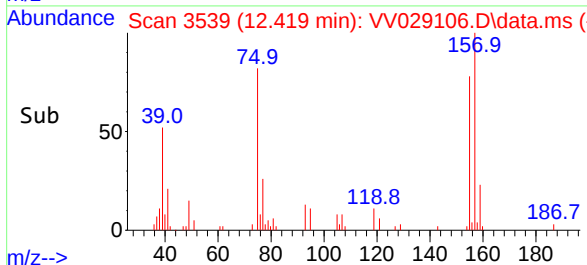
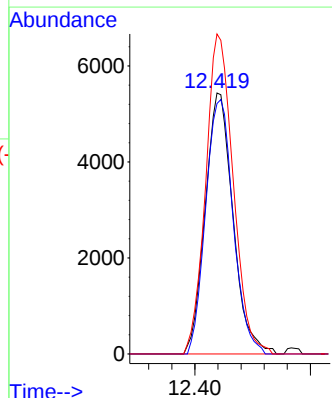
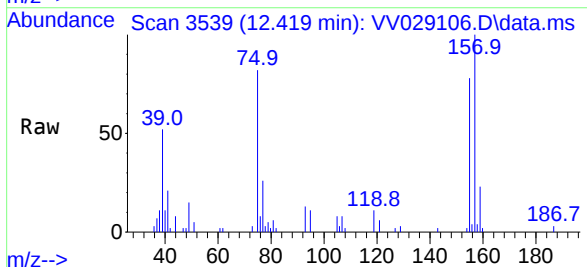
Tgt Ion: 75 Resp: 9096

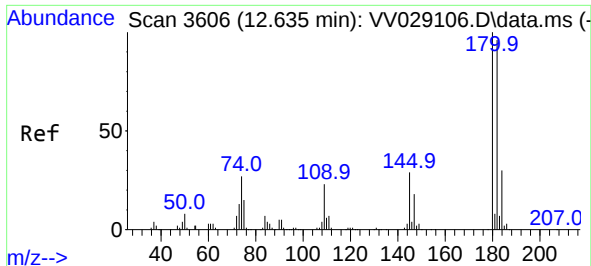
Ion Ratio Lower Upper

75 100

155 96.0 64.8 97.2

157 122.6 86.3 129.5



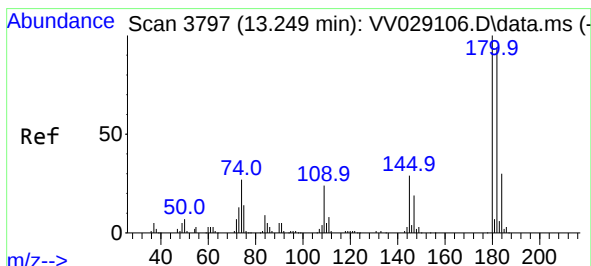
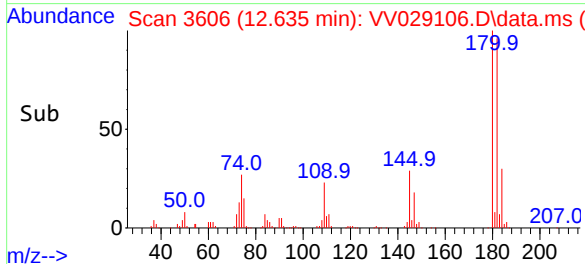
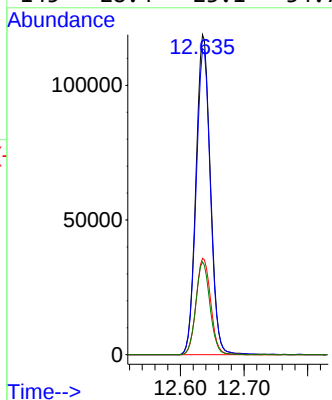
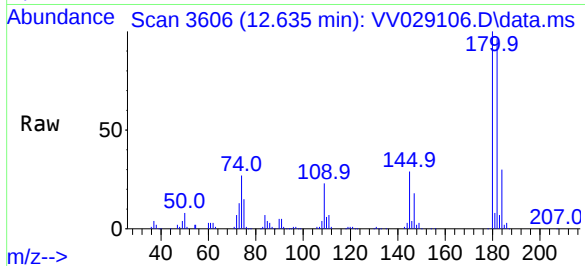


#69
1,3,5-Trichlorobenzene
Concen: 5.007 ug/L
RT: 12.635 min Scan# 3606
Delta R.T. -0.000 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Instrument :
MSVOA_V
ClientSampleId :
VSTD005355

Tgt Ion:180 Resp: 186828

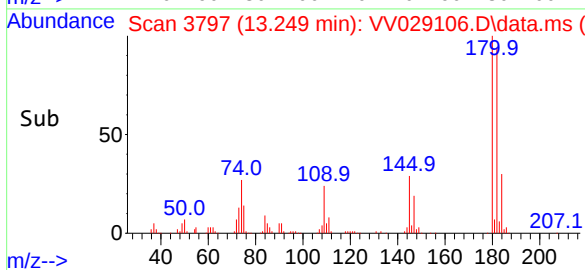
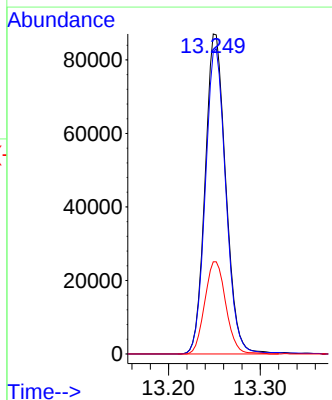
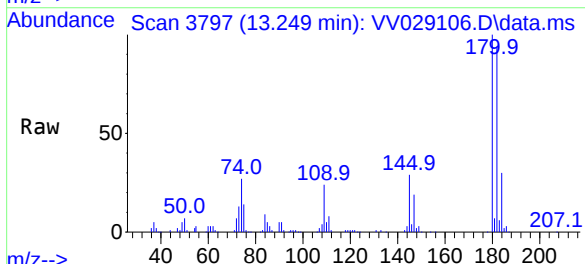
Ion	Ratio	Lower	Upper
180	100		
182	94.9	76.7	115.1
184	30.5	24.0	36.0
145	28.4	23.1	34.7

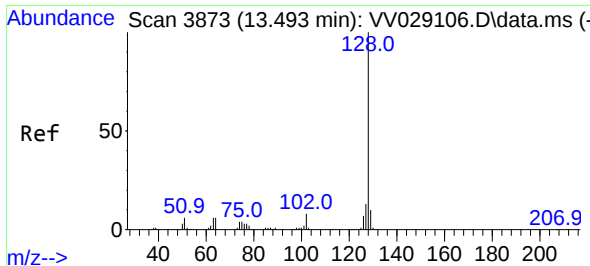


#70
1,2,4-trichlorobenzene
Concen: 4.824 ug/L
RT: 13.249 min Scan# 3797
Delta R.T. -0.003 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Tgt Ion:180 Resp: 136146

Ion	Ratio	Lower	Upper
180	100		
182	94.6	74.3	111.5
145	29.4	23.7	35.5



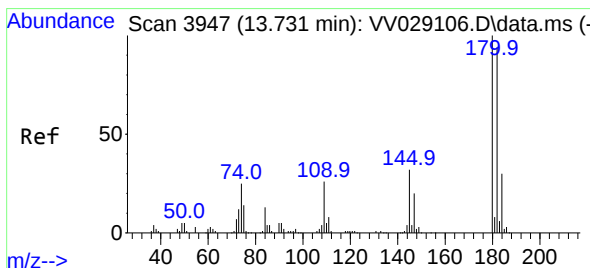
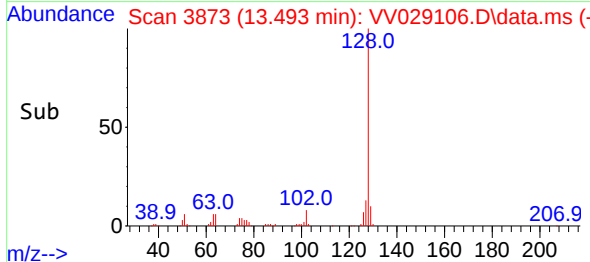
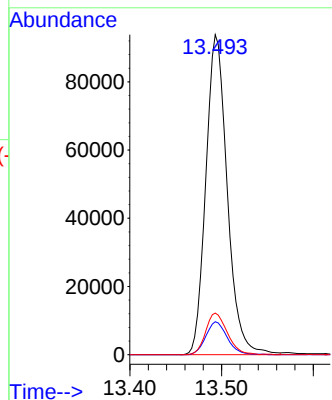
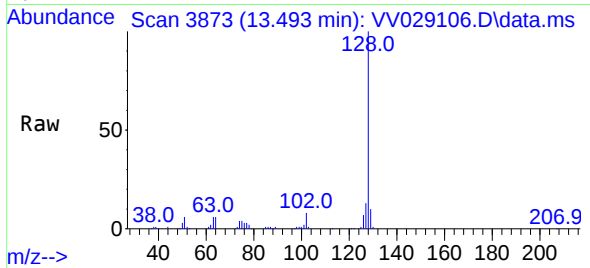


#71
Naphthalene
Concen: 4.184 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. -0.000 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Instrument :
MSVOA_V
ClientSampleId :
VSTD005355

Tgt Ion:128 Resp: 152387

Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.8	13.2
127	13.1	9.8	14.8



#72
1,2,3-Trichlorobenzene
Concen: 4.745 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VV029106.D
Acq: 18 Nov 2022 10:16

Tgt Ion:180 Resp: 113435

Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.4	113.2
145	31.0	24.9	37.3

