

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102822\
 Data File : VW028746.D
 Acq On : 28 Oct 2022 10:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005339

Quant Time: Oct 28 21:47:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 28 05:21:35 2022
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		5.609	114	185999	5.000	ug/L	0.00
28) Chlorobenzene-d5		8.844	117	174467	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.239	152	84696	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.301	65	76357	5.903	ug/L	0.00
Spiked Amount	5.000	Range 40	- 130	Recovery	=	118.000%	
7) Chloroethane-d5		1.561	69	60730	5.552	ug/L	0.00
Spiked Amount	5.000	Range 65	- 130	Recovery	=	111.000%	
11) 1,1-Dichloroethene-d2		2.098	63	146636	5.860	ug/L	0.00
Spiked Amount	5.000	Range 60	- 125	Recovery	=	117.200%	
20) 2-Butanone-d5		3.899	46	138140	46.832	ug/L	0.00
Spiked Amount	50.000	Range 40	- 130	Recovery	=	93.660%	
24) Chloroform-d		4.336	84	110879	4.936	ug/L	0.00
Spiked Amount	5.000	Range 70	- 125	Recovery	=	98.800%	
26) 1,2-Dichloroethane-d4		5.024	65	55954	4.909	ug/L	0.00
Spiked Amount	5.000	Range 70	- 130	Recovery	=	98.200%	
32) Benzene-d6		5.040	84	229500	4.919	ug/L	0.00
Spiked Amount	5.000	Range 70	- 125	Recovery	=	98.400%	
36) 1,2-Dichloropropane-d6		6.060	67	73474	4.975	ug/L	0.00
Spiked Amount	5.000	Range 60	- 140	Recovery	=	99.400%	
41) Toluene-d8		7.307	98	202306	5.557	ug/L	0.00
Spiked Amount	5.000	Range 70	- 130	Recovery	=	111.200%	
43) trans-1,3-Dichloroprop...		7.616	79	20947	4.565	ug/L	0.00
Spiked Amount	5.000	Range 55	- 130	Recovery	=	91.200%	
46) 2-Hexanone-d5		8.085	63	103696	48.548	ug/L	0.00
Spiked Amount	50.000	Range 45	- 130	Recovery	=	97.100%	
56) 1,1,2,2-Tetrachloroeth...		10.207	84	46941	4.792	ug/L	0.00
Spiked Amount	5.000	Range 65	- 120	Recovery	=	95.800%	
66) 1,2-Dichlorobenzene-d4		11.616	152	58797	5.033	ug/L	0.00
Spiked Amount	5.000	Range 80	- 120	Recovery	=	100.600%	
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		1.124	85	38073	4.854	ug/L	99
3) Chloromethane		1.237	50	65176	4.451	ug/L	98
5) Vinyl chloride		1.304	62	68445	4.704	ug/L	97
6) Bromomethane		1.516	94	28423	4.089	ug/L	92
8) Chloroethane		1.577	64	49589	5.012	ug/L	98
9) Trichlorofluoromethane		1.745	101	100053	5.160	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...		2.108	101	60049	5.212	ug/L	99
12) 1,1-Dichloroethene		2.108	96	52239	5.110	ug/L	99
13) Acetone		2.185	43	115427	65.929	ug/L	97
14) Carbon disulfide		2.285	76	87898	3.724	ug/L	99
15) Methyl Acetate		2.436	43	25323	4.767	ug/L	95
16) Methylene chloride		2.497	84	66483	4.716	ug/L	95
17) Methyl tert-butyl Ether		2.757	73	139850	5.215	ug/L	98
18) trans-1,2-Dichloroethene		2.751	96	50355	4.894	ug/L	95
19) 1,1-Dichloroethane		3.175	63	125264	5.044	ug/L	99
21) 2-Butanone		3.982	43	171484	56.990	ug/L	97
22) cis-1,2-Dichloroethene		3.899	96	62867	5.097	ug/L #	100
23) Bromochloromethane		4.237	128	22922	4.971	ug/L	93
25) Chloroform		4.362	83	121482	5.029	ug/L	98

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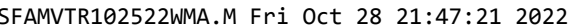
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005339

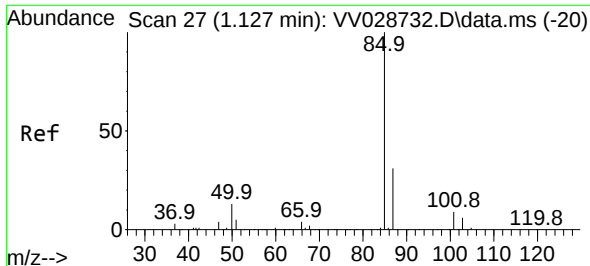
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	68293	4.785	ug/L	98
29) 1,1,1-Trichloroethane	4.597	97	90671	4.321	ug/L	98
30) Cyclohexane	4.664	56	91084	4.189	ug/L	99
31) Carbon tetrachloride	4.815	117	68523	4.065	ug/L	100
33) Benzene	5.089	78	247898	4.754	ug/L	100
34) Trichloroethene	5.905	95	56554	4.378	ug/L	90
35) Methylcyclohexane	6.121	83	86117	4.826	ug/L	97
37) 1,2-Dichloropropane	6.166	63	72279	5.425	ug/L	98
38) Bromodichloromethane	6.500	83	76971	4.832	ug/L	96
39) cis-1,3-Dichloropropene	7.021	75	82499	5.108	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	448075	56.804	ug/L	98
42) Toluene	7.378	91	252441	5.106	ug/L	99
44) trans-1,3-Dichloropropene	7.645	75	60953	4.683	ug/L	95
45) 1,1,2-Trichloroethane	7.831	97	42819	5.229	ug/L	96
47) Tetrachloroethene	7.966	164	38634	4.873	ug/L	97
48) 2-Hexanone	8.137	43	307187	55.038	ug/L	97
49) Dibromochloromethane	8.240	129	41308	4.816	ug/L	95
50) 1,2-Dibromoethane	8.346	107	35091	4.923	ug/L #	99
51) Chlorobenzene	8.873	112	160540	5.157	ug/L	99
52) Ethylbenzene	9.005	91	278652	5.071	ug/L	99
53) m,p-Xylene	9.130	106	100276	5.054	ug/L	98
54) o-Xylene	9.535	106	100745	5.048	ug/L	95
55) Styrene	9.555	104	170193	5.057	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.233	83	53868	5.245	ug/L	96
59) Bromoform	9.725	173	18002	4.329	ug/L	98
60) Isopropylbenzene	9.924	105	278291	5.222	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	37524	5.160	ug/L	98
62) 1,3,5-Trimethylbenzene	10.532	105	79890	5.138	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	221310	5.140	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	116261	5.064	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	114589	5.003	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	107682	5.130	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.419	75	6369	4.254	ug/L	88
69) 1,3,5-Trichlorobenzene	12.635	180	87257	5.005	ug/L	98
70) 1,2,4-trichlorobenzene	13.252	180	68823	5.185	ug/L	99
71) Naphthalene	13.493	128	103342	4.544	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	58759	4.995	ug/L	97

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

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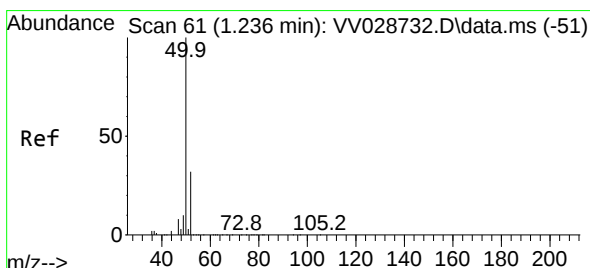
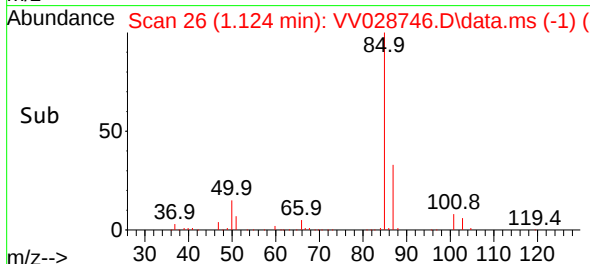
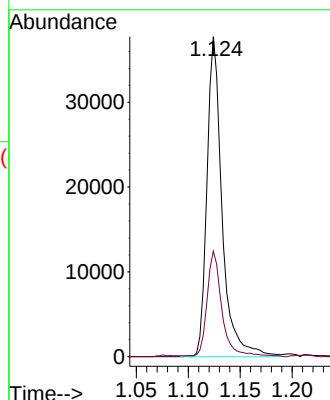
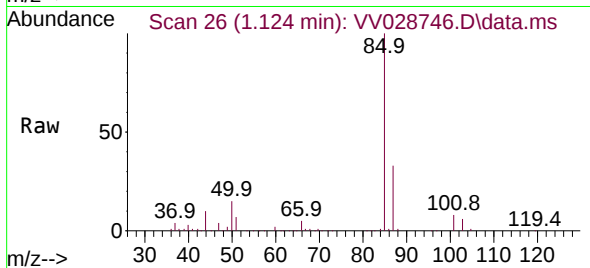




#2
 Dichlorodifluoromethane
 Concen: 4.854 ug/L
 RT: 1.124 min Scan# 2
 Delta R.T. -0.003 min
 Lab File: VV028746.D
 Acq: 28 Oct 2022 10:13

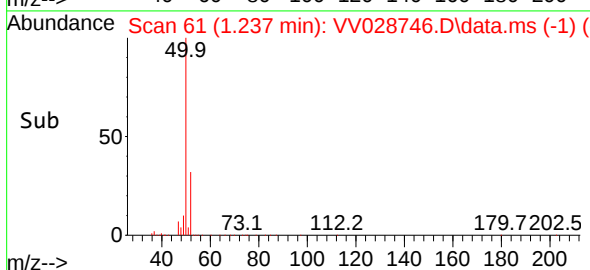
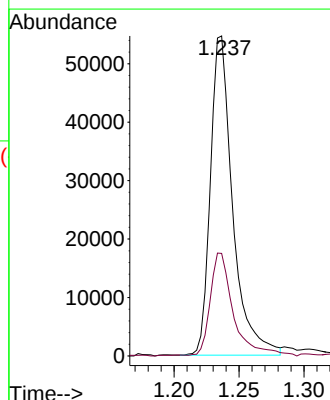
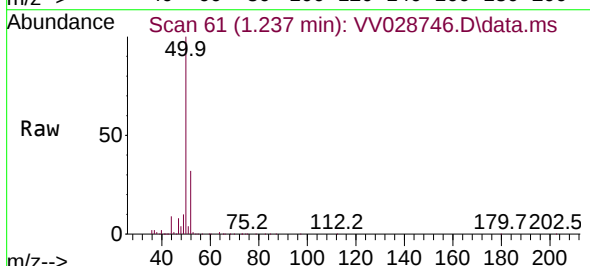
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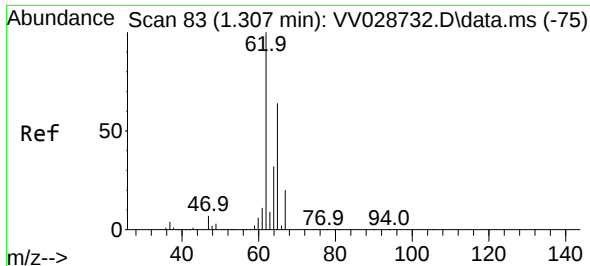
Tgt Ion: 85 Resp: 38073
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.6 40.0



#3
 Chloromethane
 Concen: 4.451 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VV028746.D
 Acq: 28 Oct 2022 10:13

Tgt Ion: 50 Resp: 65176
 Ion Ratio Lower Upper
 50 100
 52 32.1 21.8 40.6

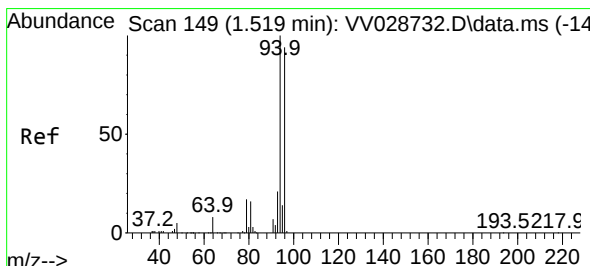
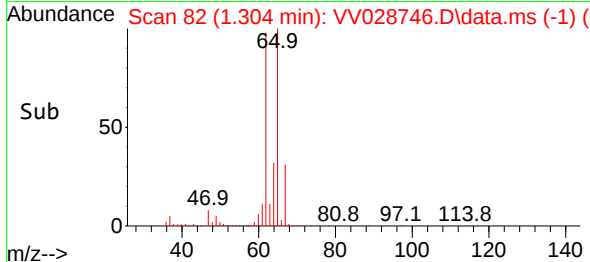
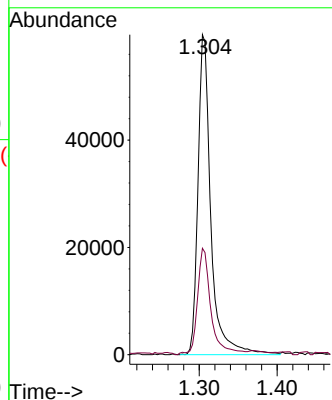
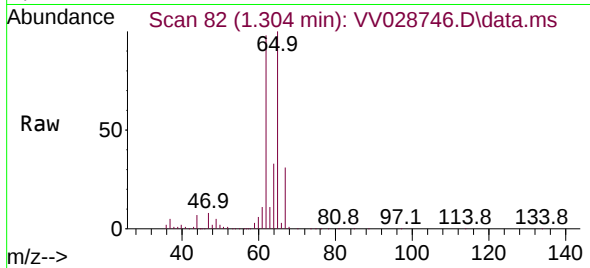




#5
 Vinyl chloride
 Concen: 4.704 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV028746.D
 Acq: 28 Oct 2022 10:13

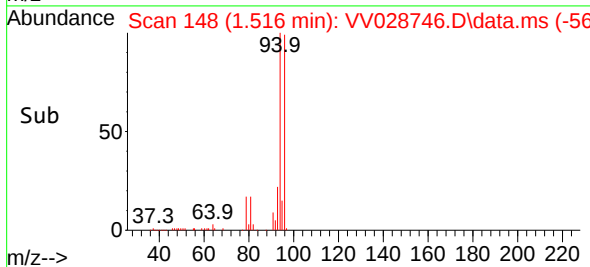
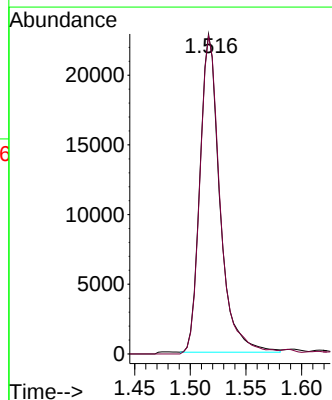
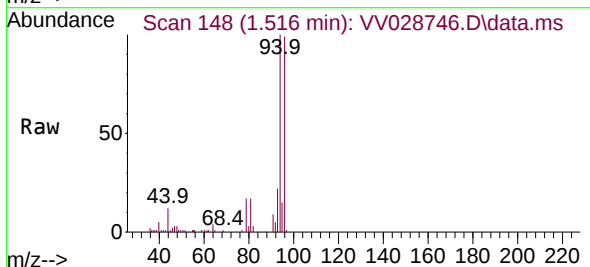
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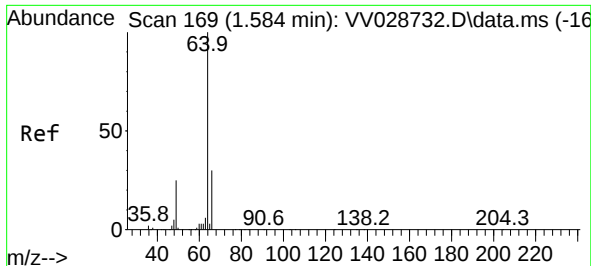
Tgt Ion: 62 Resp: 68445
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.0 41.0



#6
 Bromomethane
 Concen: 4.089 ug/L
 RT: 1.516 min Scan# 148
 Delta R.T. -0.003 min
 Lab File: VV028746.D
 Acq: 28 Oct 2022 10:13

Tgt Ion: 94 Resp: 28423
 Ion Ratio Lower Upper
 94 100
 96 99.4 64.3 119.3

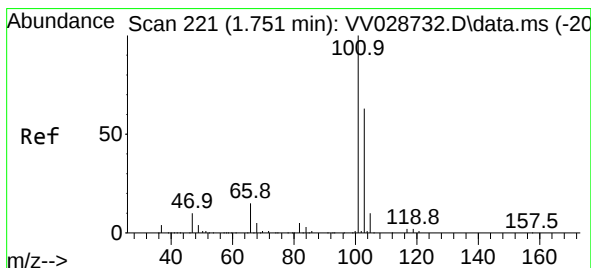
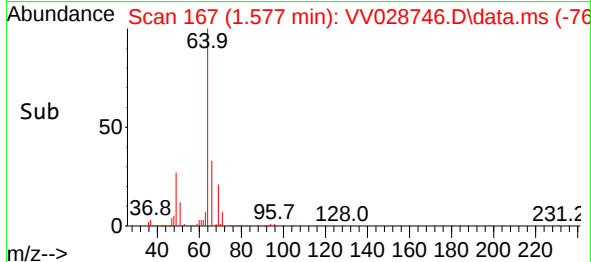
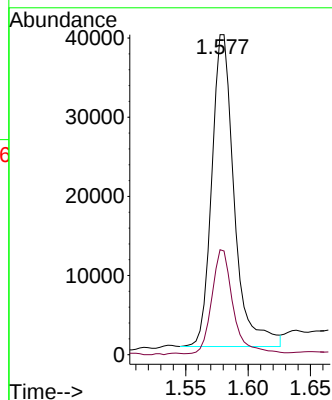
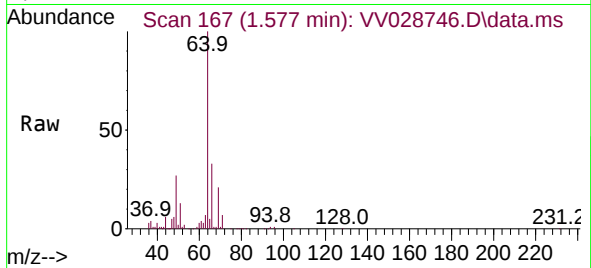




#8
Chloroethane
Concen: 5.012 ug/L
RT: 1.577 min Scan# 1
Delta R.T. -0.006 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

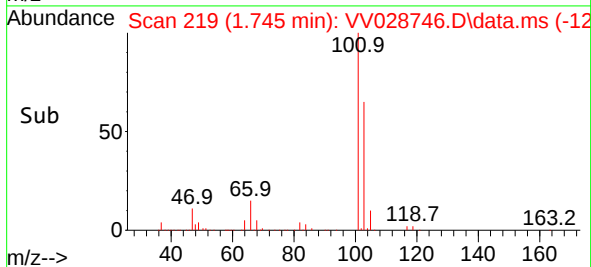
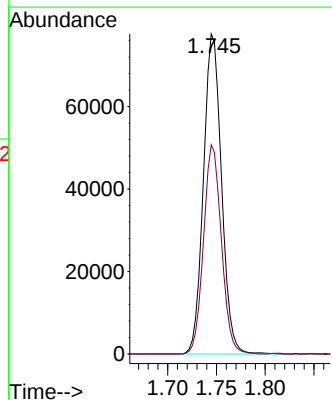
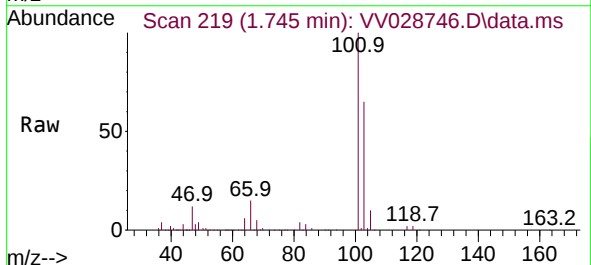
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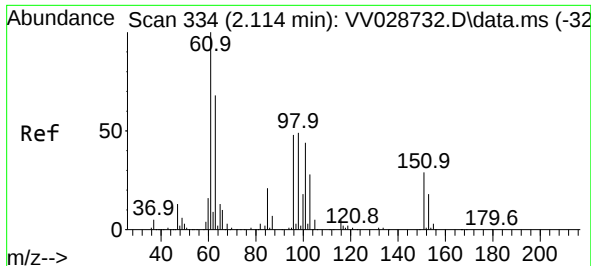
Tgt Ion: 64 Resp: 49589
Ion Ratio Lower Upper
64 100
66 32.8 23.9 44.5



#9
Trichlorofluoromethane
Concen: 5.160 ug/L
RT: 1.745 min Scan# 219
Delta R.T. -0.006 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

Tgt Ion: 101 Resp: 100053
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.6

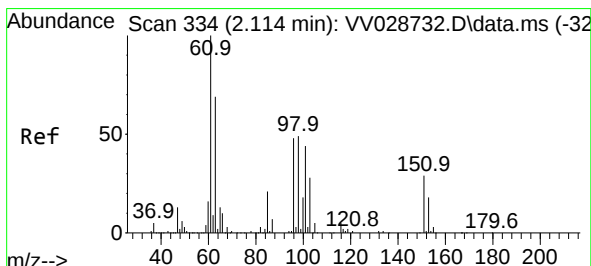
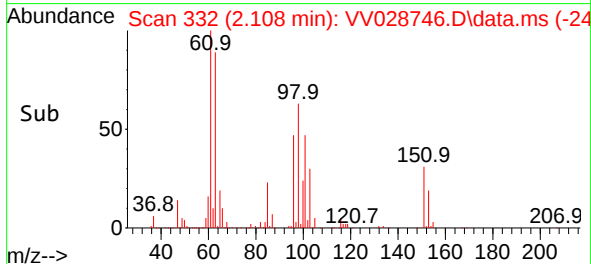
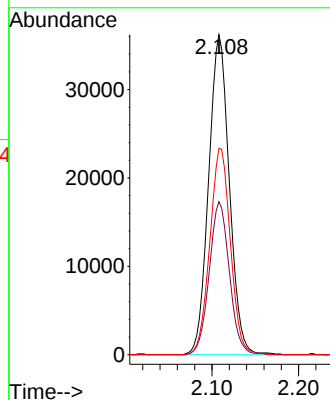
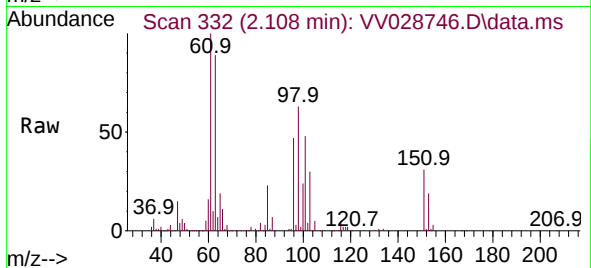




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.212 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.006 min
 Lab File: VV028746.D
 Acq: 28 Oct 2022 10:13

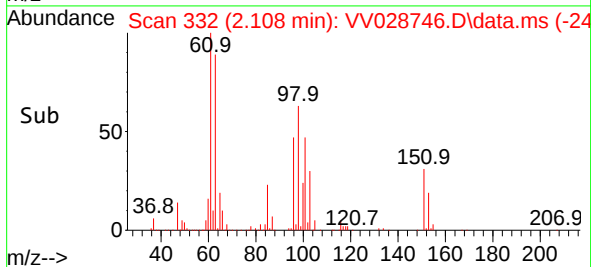
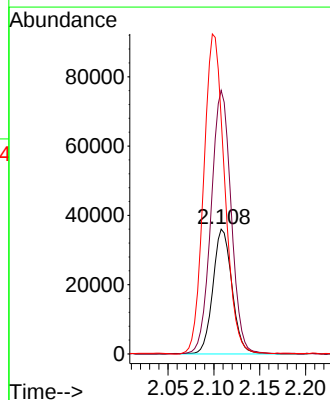
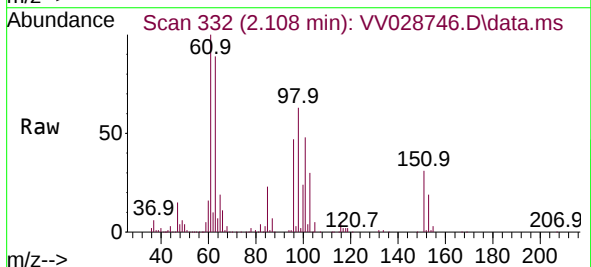
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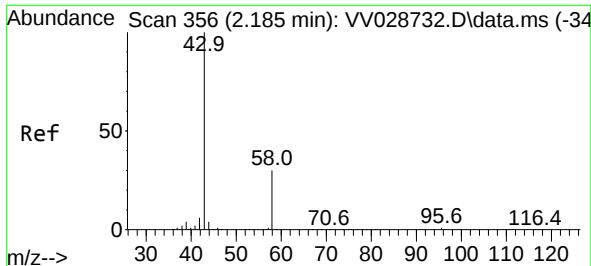
Tgt Ion:101 Resp: 60049
 Ion Ratio Lower Upper
 101 100
 85 46.7 37.0 55.6
 151 64.2 50.2 75.2



#12
 1,1-Dichloroethene
 Concen: 5.110 ug/L
 RT: 2.108 min Scan# 332
 Delta R.T. -0.006 min
 Lab File: VV028746.D
 Acq: 28 Oct 2022 10:13

Tgt Ion: 96 Resp: 52239
 Ion Ratio Lower Upper
 96 100
 61 211.0 148.1 275.1
 63 188.7 133.3 247.7

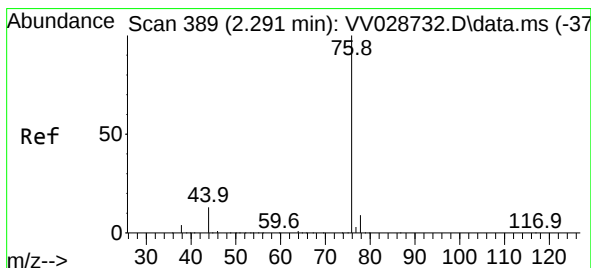
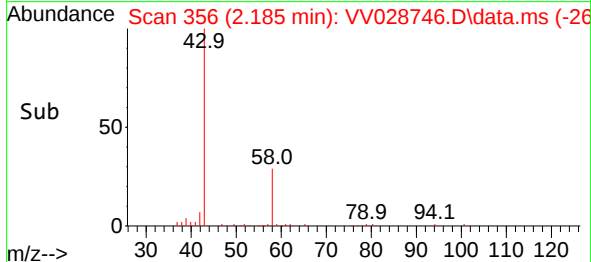
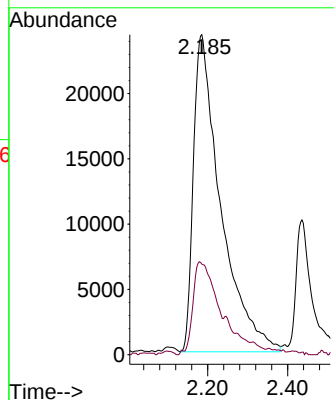
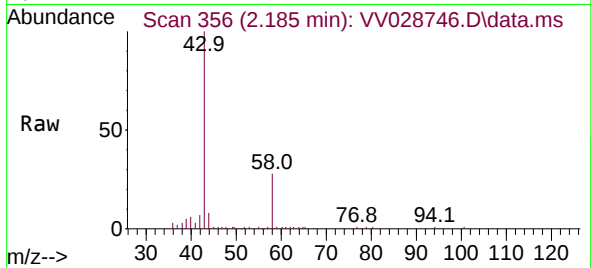




#13
Acetone
Concen: 65.929 ug/L
RT: 2.185 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

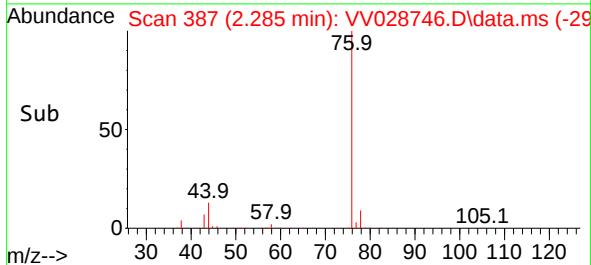
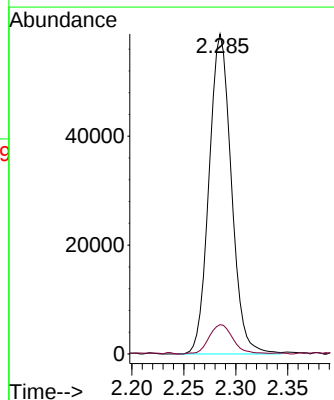
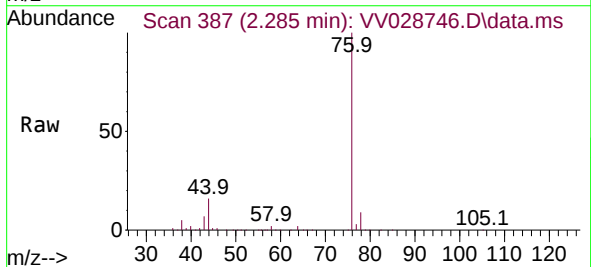
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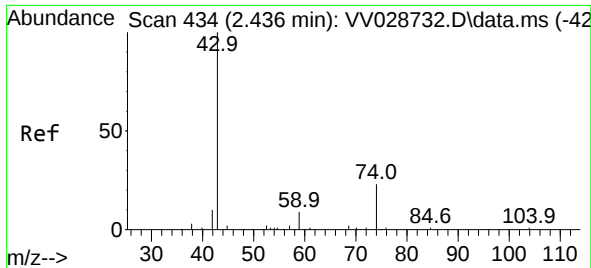
Tgt Ion: 43 Resp: 115427
Ion Ratio Lower Upper
43 100
58 23.7 0.0 50.2



#14
Carbon disulfide
Concen: 3.724 ug/L
RT: 2.285 min Scan# 387
Delta R.T. -0.006 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

Tgt Ion: 76 Resp: 87898
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

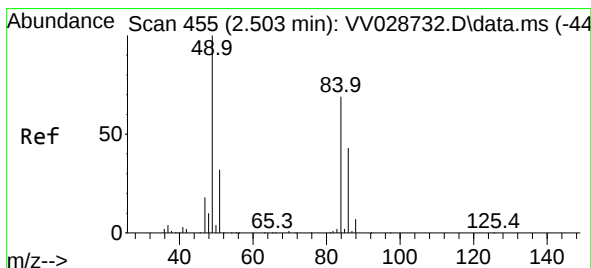
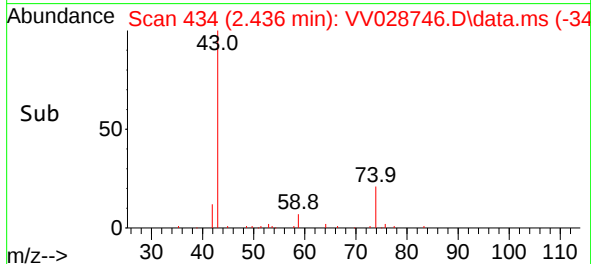
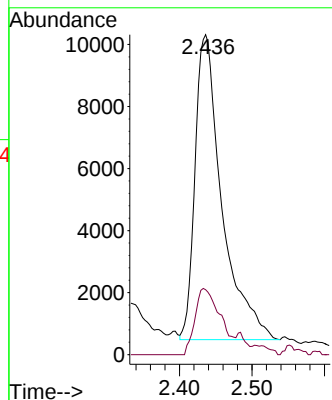
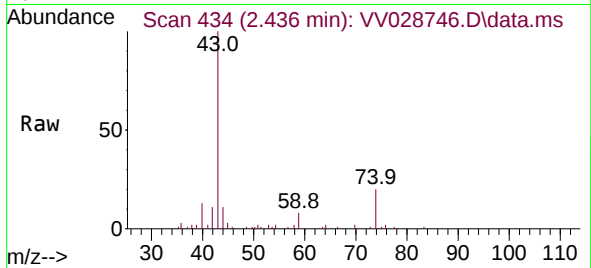




#15
Methyl Acetate
Concen: 4.767 ug/L
RT: 2.436 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

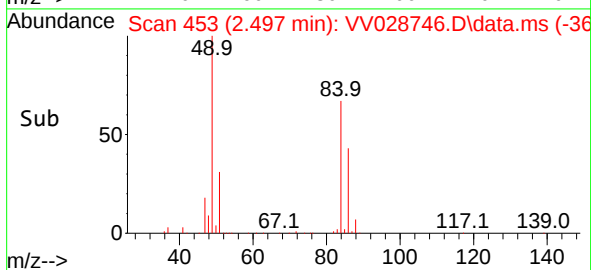
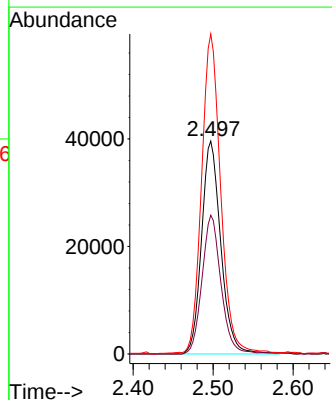
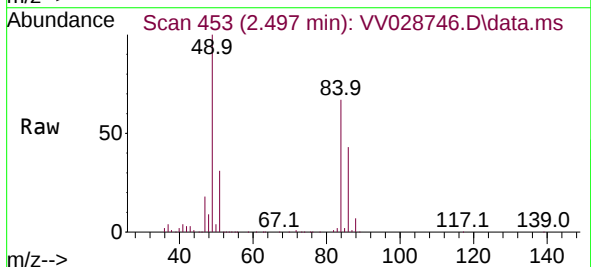
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

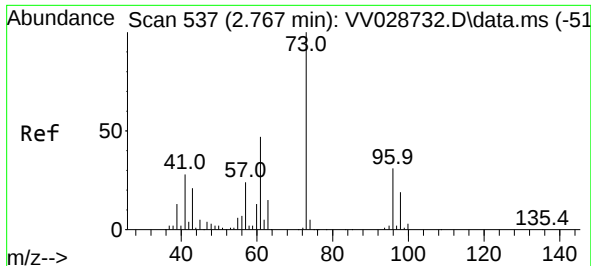
Tgt Ion: 43 Resp: 25323
Ion Ratio Lower Upper
43 100
74 20.7 14.9 22.3



#16
Methylene chloride
Concen: 4.716 ug/L
RT: 2.497 min Scan# 453
Delta R.T. -0.006 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

Tgt Ion: 84 Resp: 66483
Ion Ratio Lower Upper
84 100
86 65.2 44.4 82.4
49 150.4 110.8 205.8





#17

Methyl tert-butyl Ether

Concen: 5.215 ug/L

RT: 2.757 min Scan# 51

Delta R.T. -0.009 min

Lab File: VV028746.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005339

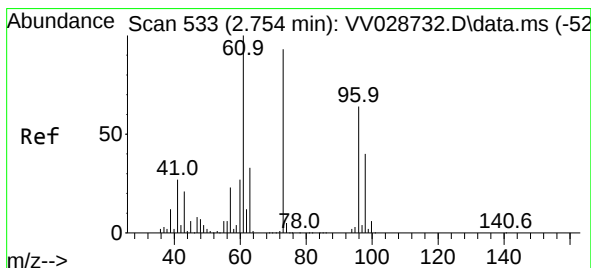
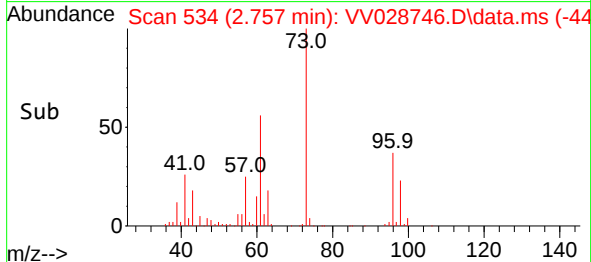
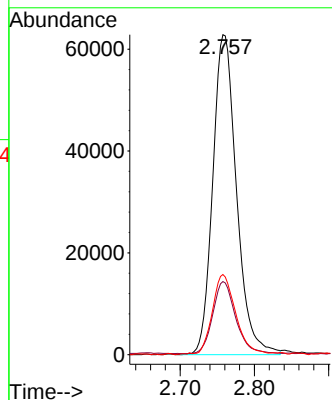
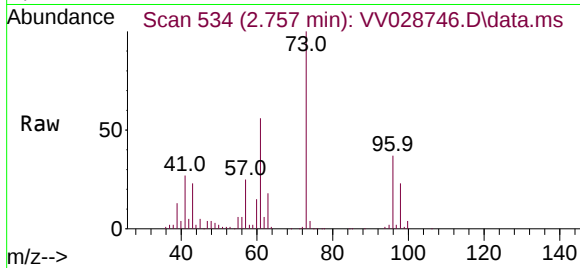
Tgt Ion: 73 Resp: 139850

Ion Ratio Lower Upper

73 100

43 21.7 18.0 27.0

57 23.7 20.0 30.0



#18

trans-1,2-Dichloroethene

Concen: 4.894 ug/L

RT: 2.751 min Scan# 532

Delta R.T. -0.003 min

Lab File: VV028746.D

Acq: 28 Oct 2022 10:13

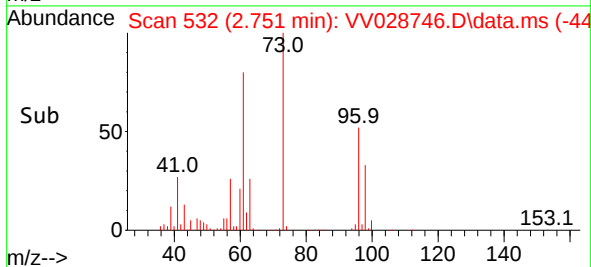
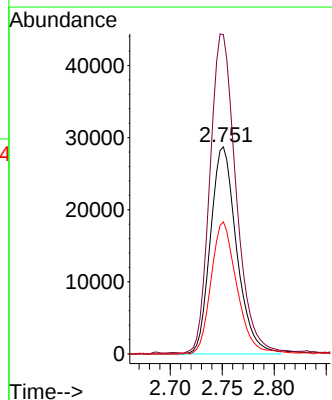
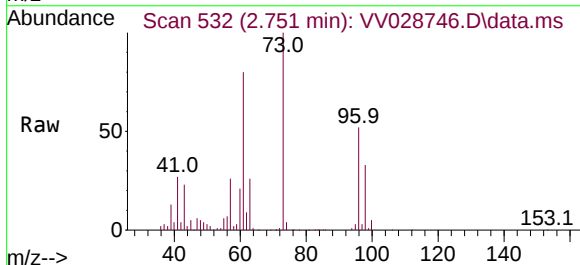
Tgt Ion: 96 Resp: 50355

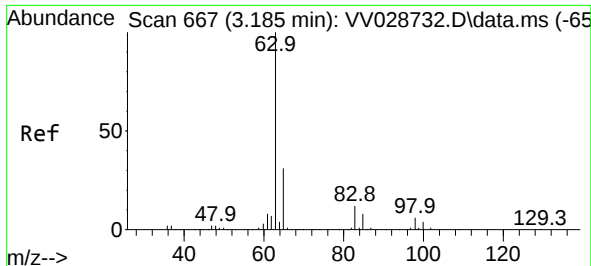
Ion Ratio Lower Upper

96 100

61 154.2 114.3 212.3

98 63.8 45.0 83.6





#19

1,1-Dichloroethane

Concen: 5.044 ug/L

RT: 3.175 min Scan# 6

Delta R.T. -0.009 min

Lab File: VV028746.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005339

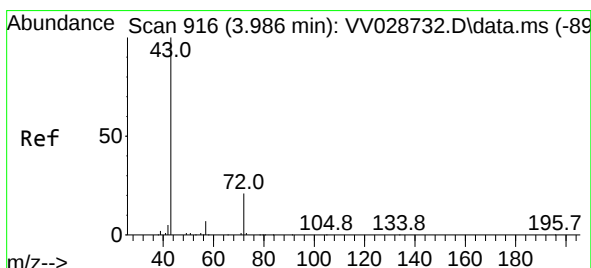
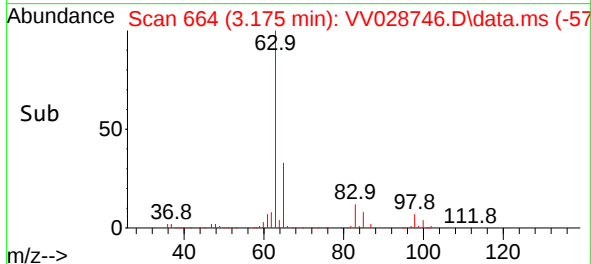
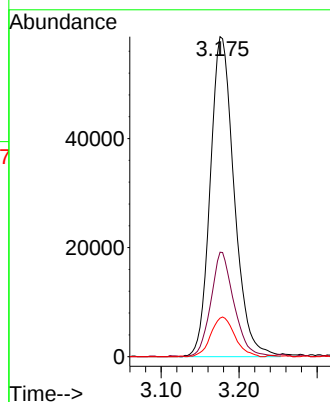
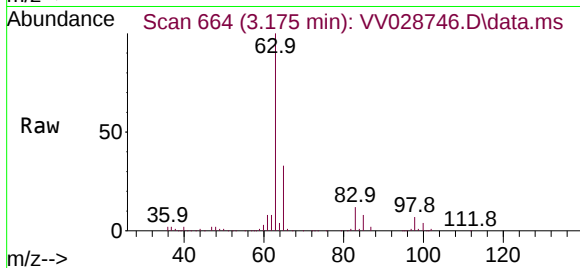
Tgt Ion: 63 Resp: 125264

Ion Ratio Lower Upper

63 100

65 32.6 23.1 42.9

83 12.1 7.9 14.7



#21

2-Butanone

Concen: 56.990 ug/L

RT: 3.982 min Scan# 915

Delta R.T. -0.003 min

Lab File: VV028746.D

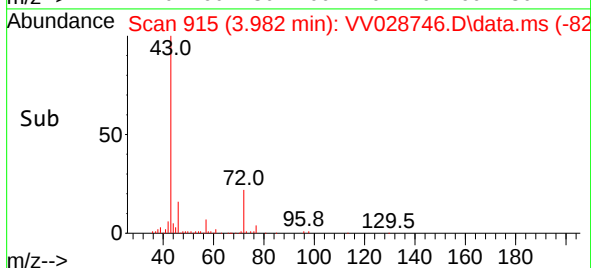
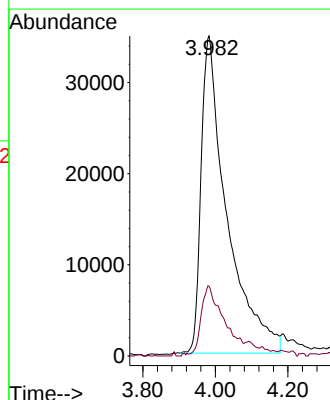
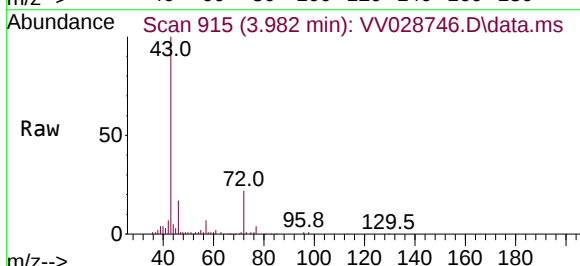
Acq: 28 Oct 2022 10:13

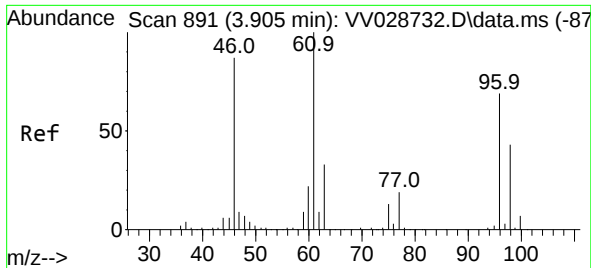
Tgt Ion: 43 Resp: 171484

Ion Ratio Lower Upper

43 100

72 18.9 10.2 30.4

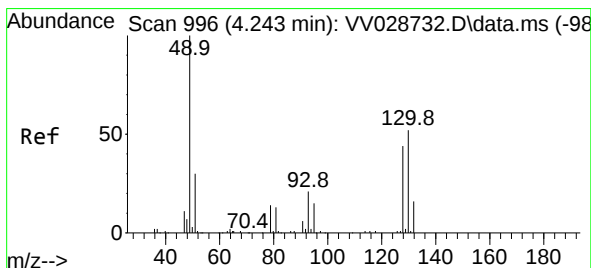
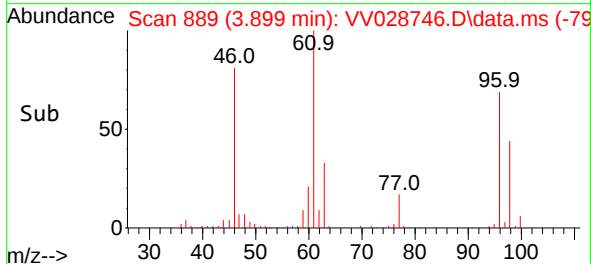
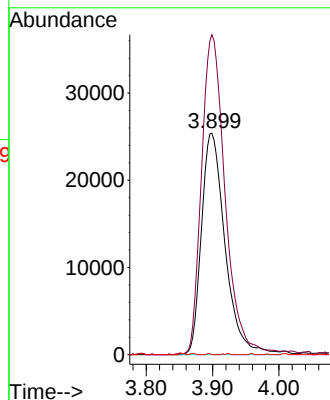
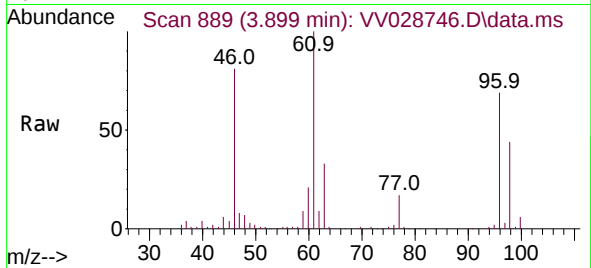




#22
 cis-1,2-Dichloroethene
 Concen: 5.097 ug/L
 RT: 3.899 min Scan# 891
 Delta R.T. -0.006 min
 Lab File: VV028746.D
 Acq: 28 Oct 2022 10:13

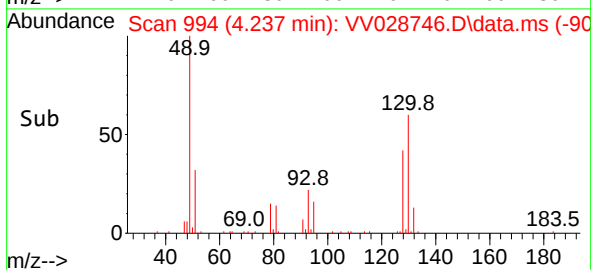
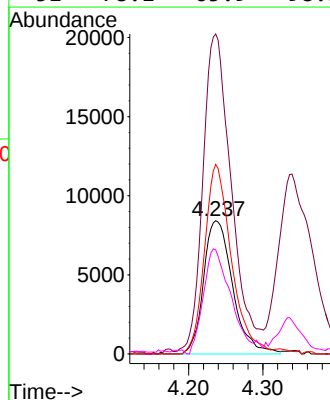
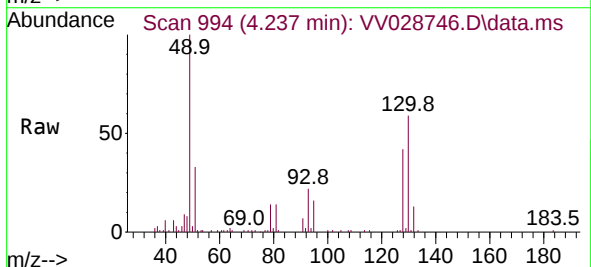
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005339

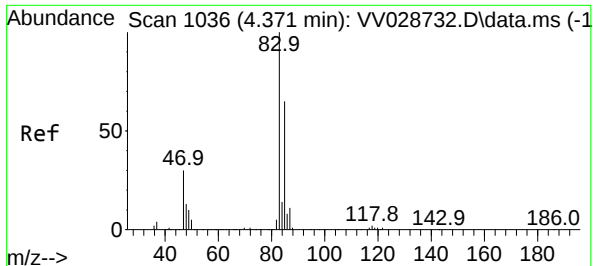
Tgt Ion: 96 Resp: 62867
 Ion Ratio Lower Upper
 96 100
 61 144.4 101.4 188.2
 68 0.0 0.5 0.9#



#23
 Bromochloromethane
 Concen: 4.971 ug/L
 RT: 4.237 min Scan# 994
 Delta R.T. -0.006 min
 Lab File: VV028746.D
 Acq: 28 Oct 2022 10:13

Tgt Ion: 128 Resp: 22922
 Ion Ratio Lower Upper
 128 100
 49 240.0 171.1 317.7
 130 142.1 86.4 160.4
 51 78.1 65.9 98.9





#25

Chloroform

Concen: 5.029 ug/L

RT: 4.362 min Scan# 1

Delta R.T. -0.009 min

Lab File: VV028746.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

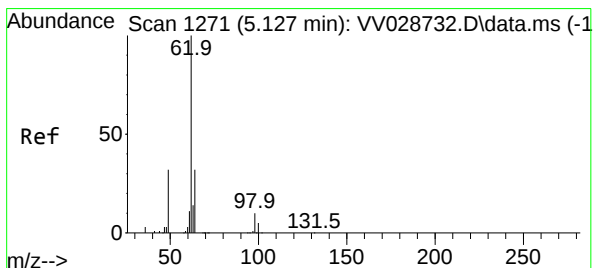
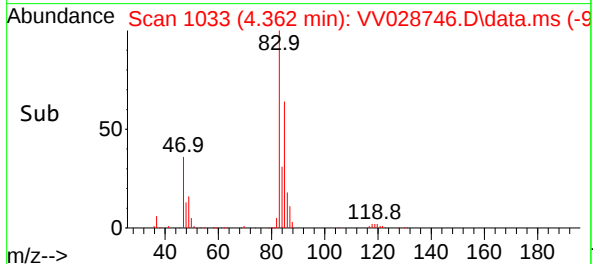
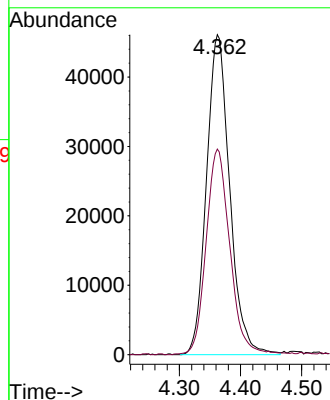
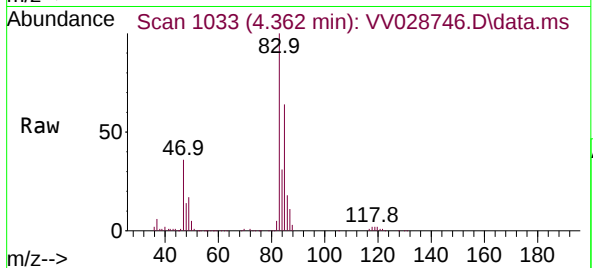
VSTD005339

Tgt Ion: 83 Resp: 121482

Ion Ratio Lower Upper

83 100

85 64.3 44.1 81.9



#27

1,2-Dichloroethane

Concen: 4.785 ug/L

RT: 5.121 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VV028746.D

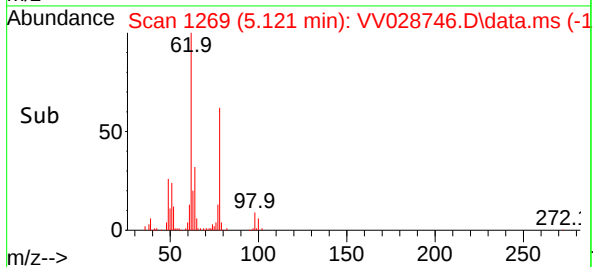
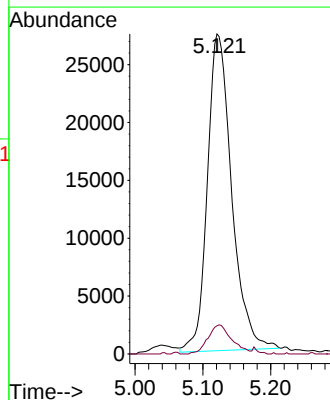
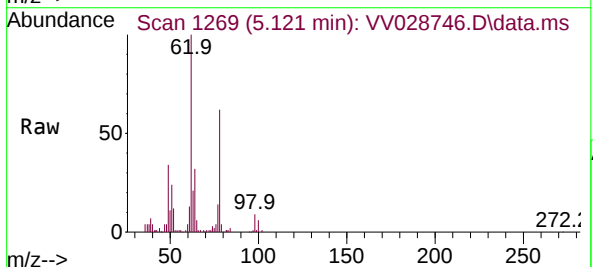
Acq: 28 Oct 2022 10:13

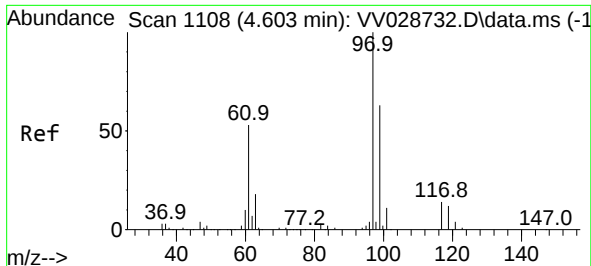
Tgt Ion: 62 Resp: 68293

Ion Ratio Lower Upper

62 100

98 8.8 6.6 9.8





#29

1,1,1-Trichloroethane

Concen: 4.321 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. -0.006 min

Lab File: VV028746.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005339

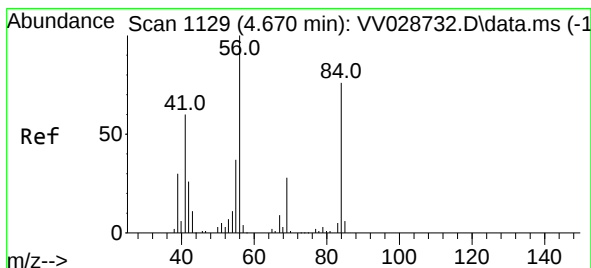
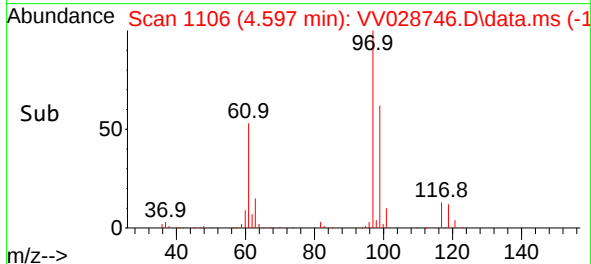
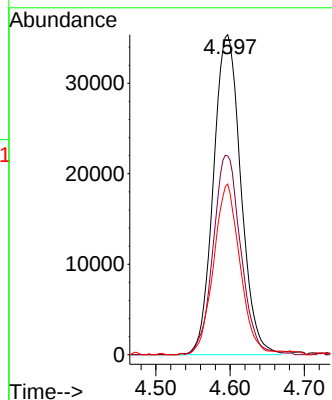
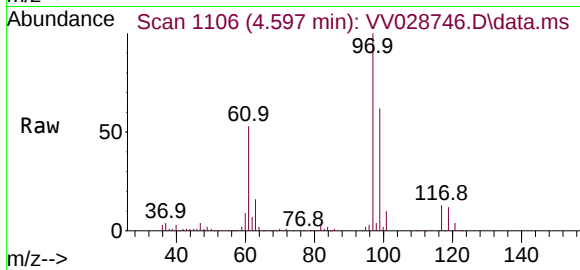
Tgt Ion: 97 Resp: 90671

Ion Ratio Lower Upper

97 100

99 62.8 50.5 75.7

61 51.3 43.1 64.7



#30

Cyclohexane

Concen: 4.189 ug/L

RT: 4.664 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VV028746.D

Acq: 28 Oct 2022 10:13

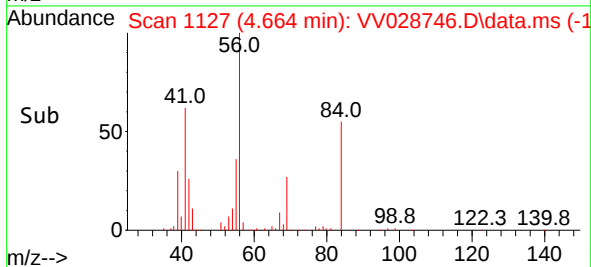
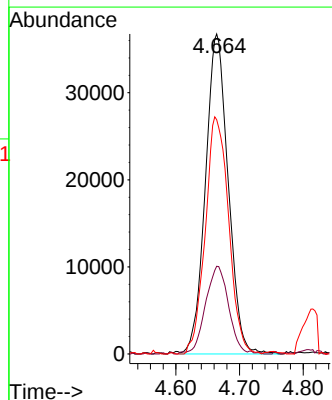
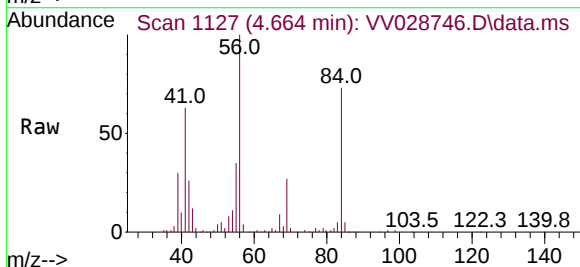
Tgt Ion: 56 Resp: 91084

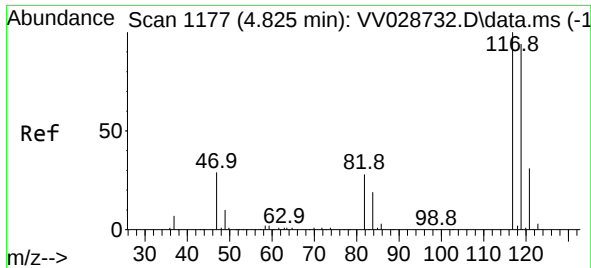
Ion Ratio Lower Upper

56 100

69 27.7 22.6 34.0

84 76.1 60.4 90.6

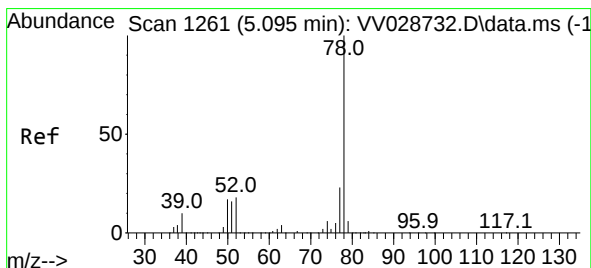
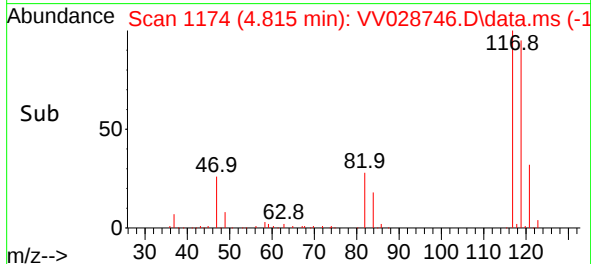
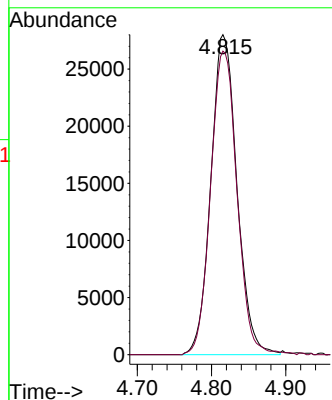
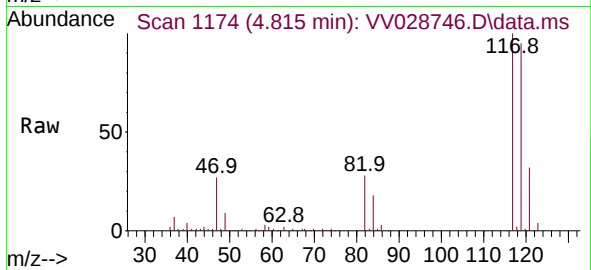




#31
Carbon tetrachloride
Concen: 4.065 ug/L
RT: 4.815 min Scan# 1177
Delta R.T. -0.009 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

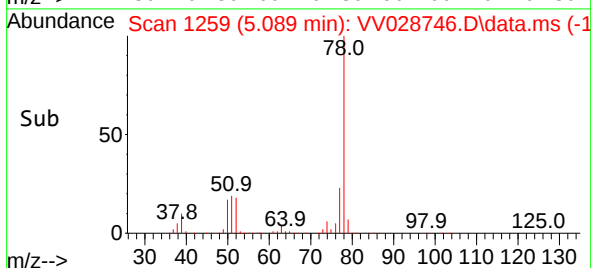
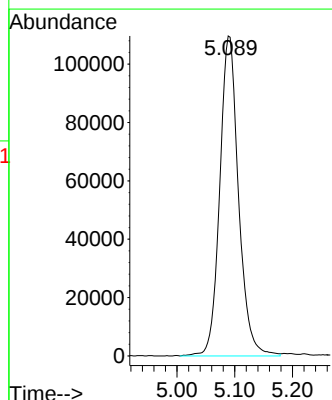
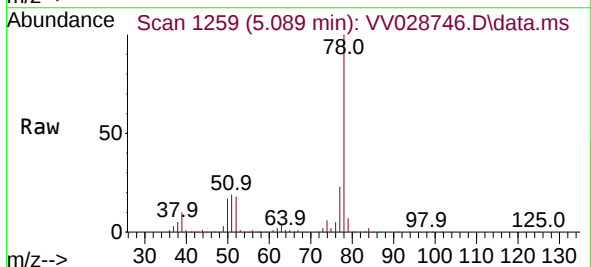
Instrument : MSVOA_V
ClientSampleId : VSTD005339

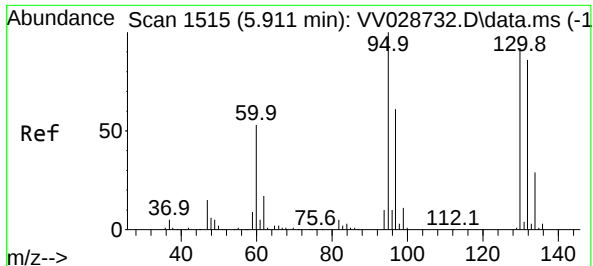
Tgt Ion:117 Resp: 68523
Ion Ratio Lower Upper
117 100
119 95.3 76.1 114.1



#33
Benzene
Concen: 4.754 ug/L
RT: 5.089 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

Tgt Ion: 78 Resp: 247898



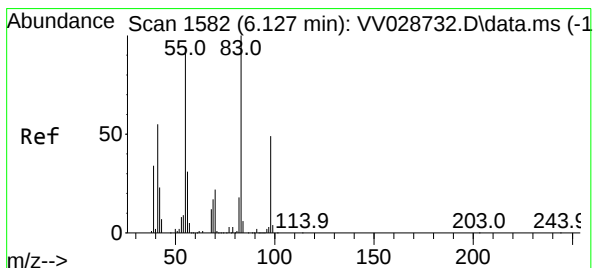
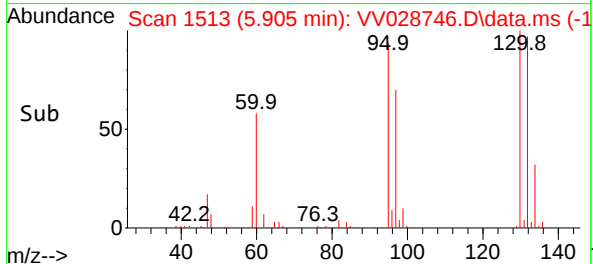
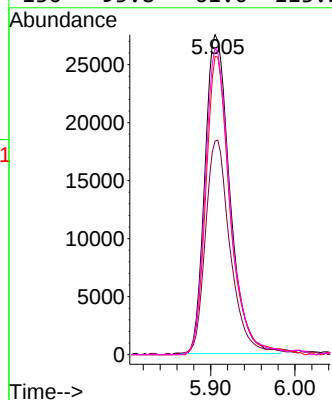
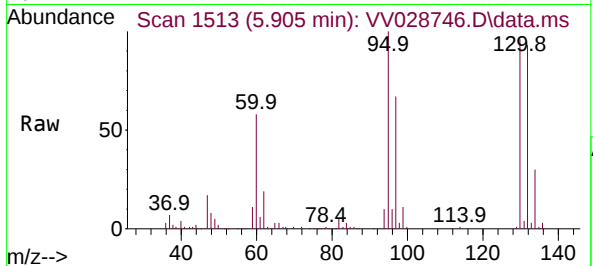


#34
Trichloroethene
Concen: 4.378 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

Tgt Ion: 95 Resp: 56554

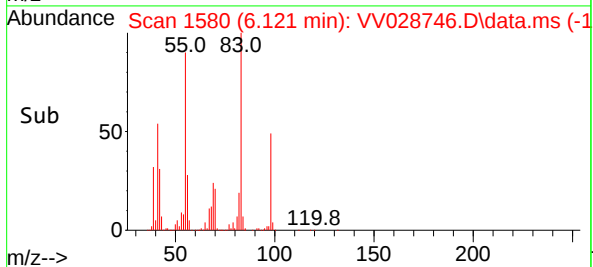
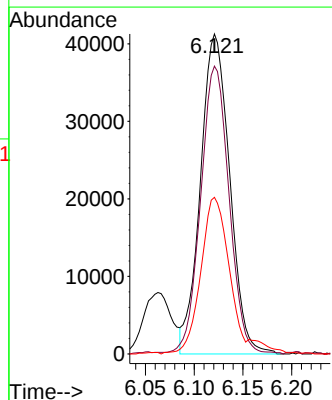
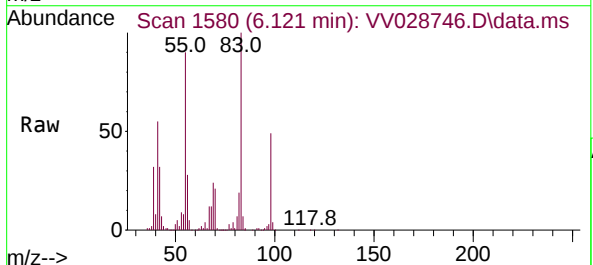
Ion	Ratio	Lower	Upper
95	100		
97	66.8	43.5	80.9
132	93.2	56.5	104.9
130	95.8	61.0	113.2

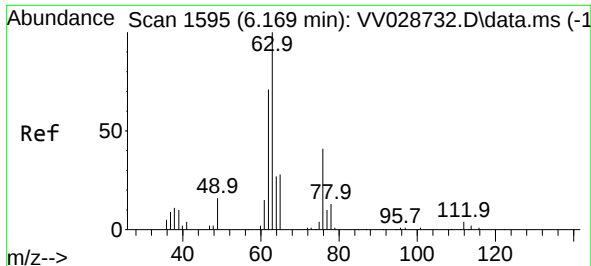


#35
Methylcyclohexane
Concen: 4.826 ug/L
RT: 6.121 min Scan# 1580
Delta R.T. -0.006 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

Tgt Ion: 83 Resp: 86117

Ion	Ratio	Lower	Upper
83	100		
55	87.8	70.0	105.0
98	49.9	35.6	53.4





#37

1,2-Dichloropropane

Concen: 5.425 ug/L

RT: 6.166 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV028746.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

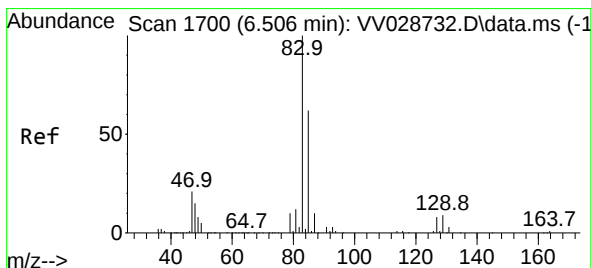
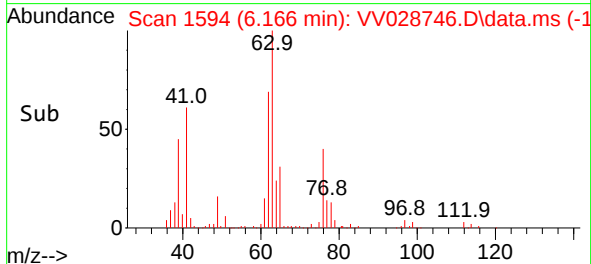
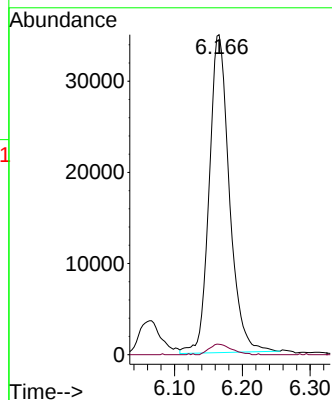
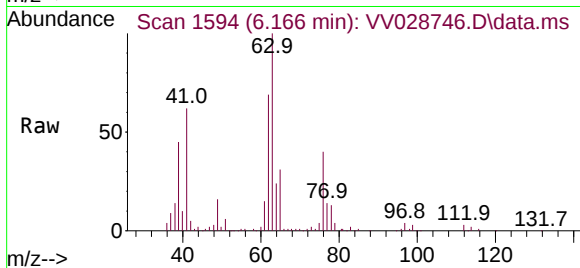
VSTD005339

Tgt Ion: 63 Resp: 72279

Ion Ratio Lower Upper

63 100

112 3.7 3.4 5.2



#38

Bromodichloromethane

Concen: 4.832 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.006 min

Lab File: VV028746.D

Acq: 28 Oct 2022 10:13

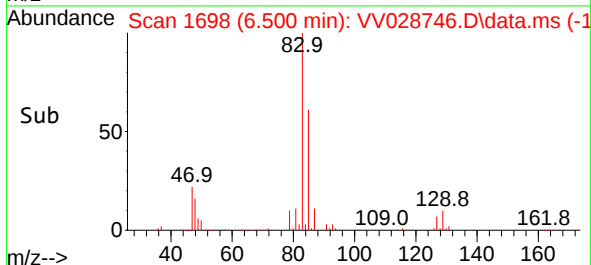
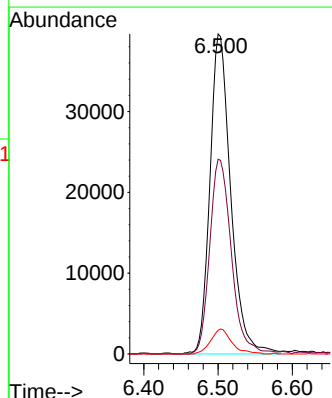
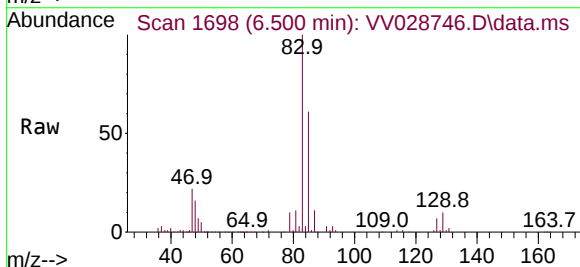
Tgt Ion: 83 Resp: 76971

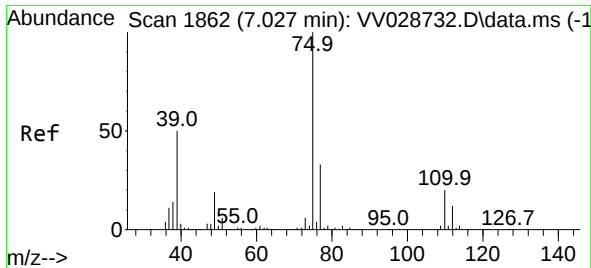
Ion Ratio Lower Upper

83 100

85 60.9 45.1 83.9

127 7.4 5.7 8.5





#39

cis-1,3-Dichloropropene

Concen: 5.108 ug/L

RT: 7.021 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV028746.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

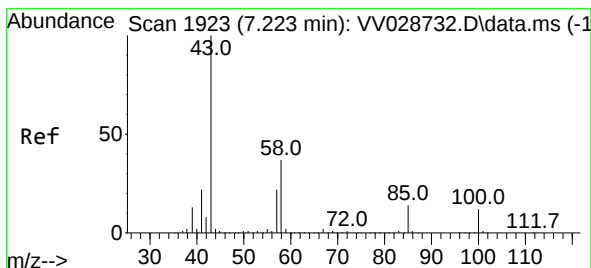
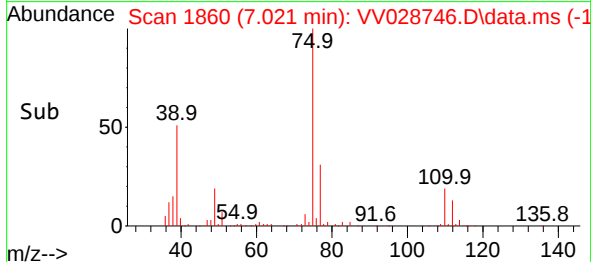
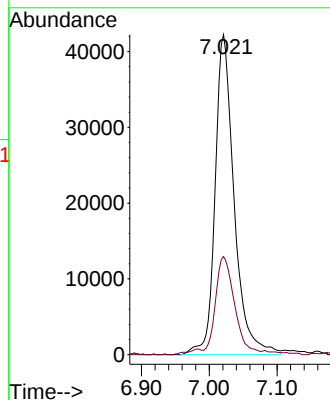
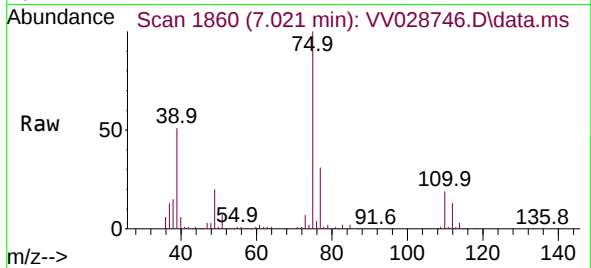
VSTD005339

Tgt Ion: 75 Resp: 82499

Ion Ratio Lower Upper

75 100

77 30.6 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 56.804 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV028746.D

Acq: 28 Oct 2022 10:13

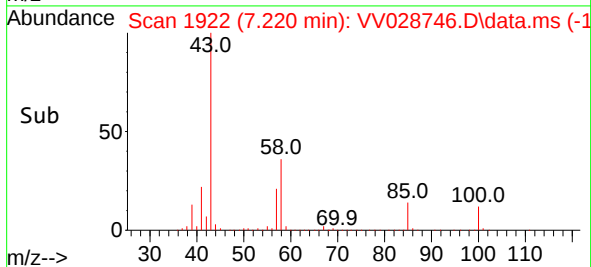
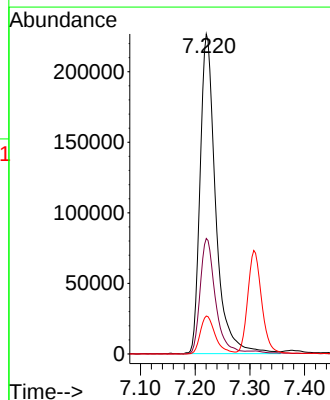
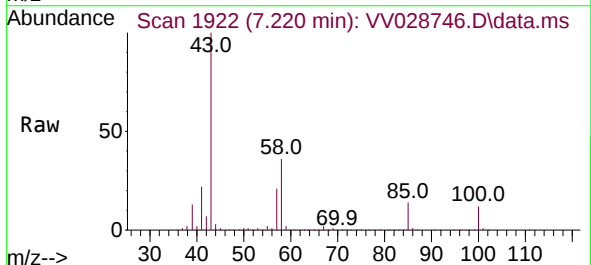
Tgt Ion: 43 Resp: 448075

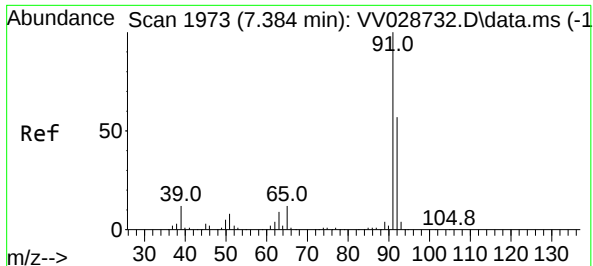
Ion Ratio Lower Upper

43 100

58 35.5 29.6 44.4

100 11.5 9.4 14.0





#42

Toluene

Concen: 5.106 ug/L

RT: 7.378 min Scan# 1973

Delta R.T. -0.006 min

Lab File: VV028746.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

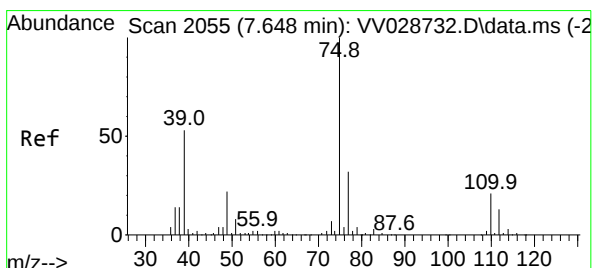
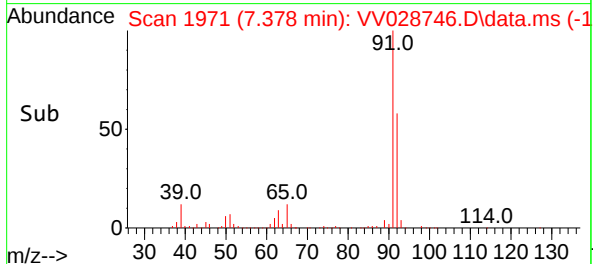
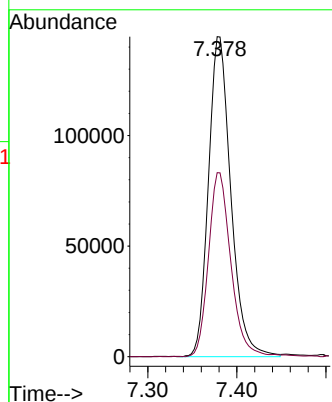
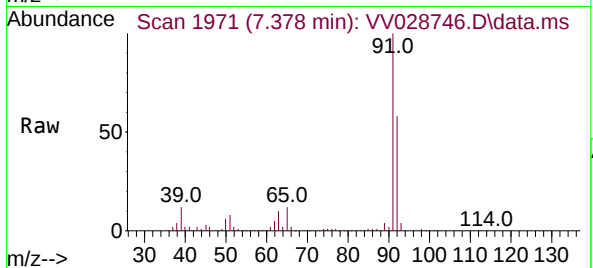
VSTD005339

Tgt Ion: 91 Resp: 252441

Ion Ratio Lower Upper

91 100

92 57.5 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.683 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. -0.003 min

Lab File: VV028746.D

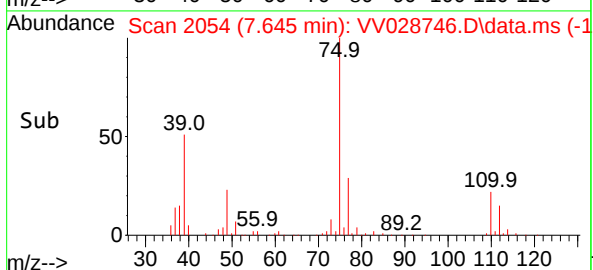
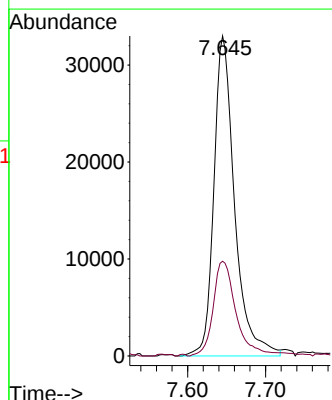
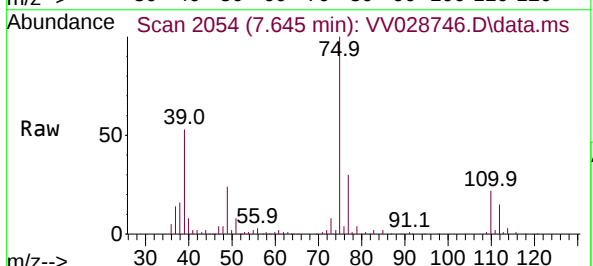
Acq: 28 Oct 2022 10:13

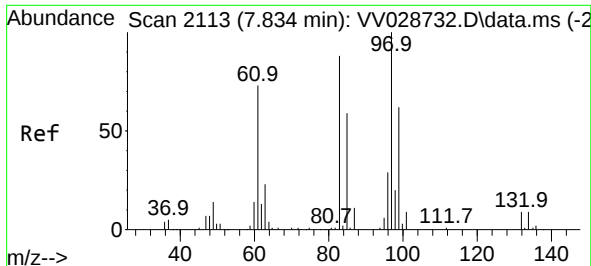
Tgt Ion: 75 Resp: 60953

Ion Ratio Lower Upper

75 100

77 29.6 22.6 42.0





#45

1,1,2-Trichloroethane

Concen: 5.229 ug/L

RT: 7.831 min Scan# 2112

Delta R.T. -0.003 min

Lab File: VV028746.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005339

Tgt Ion: 97 Resp: 42819

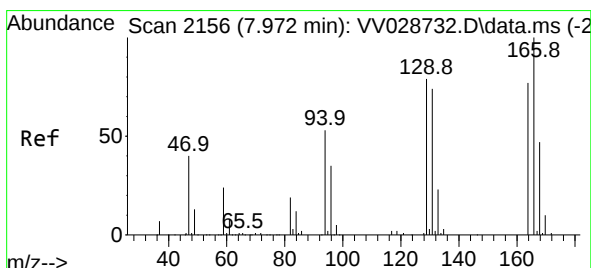
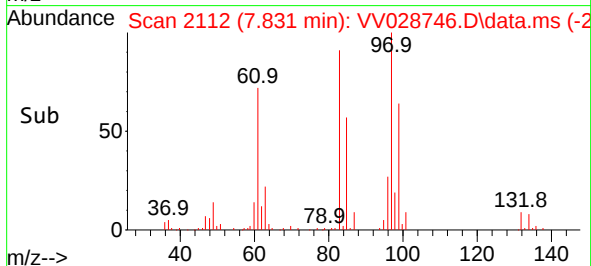
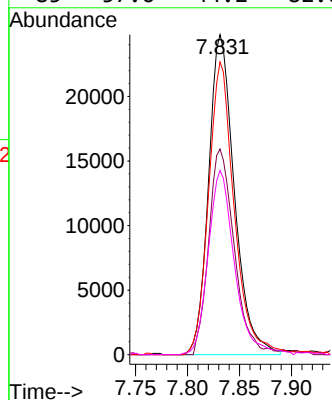
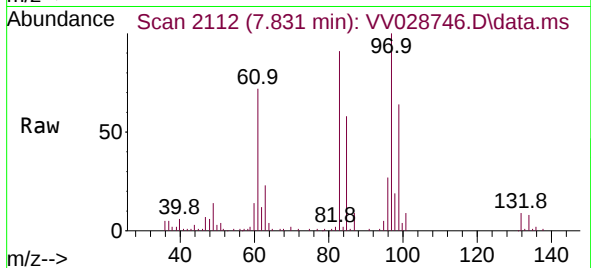
Ion Ratio Lower Upper

97 100

99 64.3 44.0 81.6

83 91.4 66.2 123.0

85 57.6 44.2 82.0



#47

Tetrachloroethene

Concen: 4.873 ug/L

RT: 7.966 min Scan# 2154

Delta R.T. -0.006 min

Lab File: VV028746.D

Acq: 28 Oct 2022 10:13

Tgt Ion:164 Resp: 38634

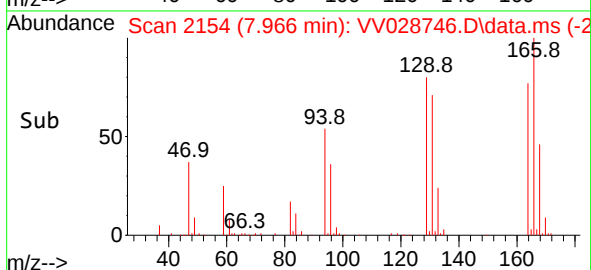
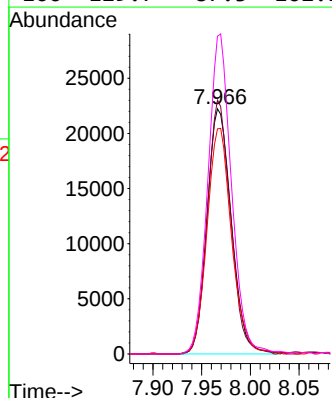
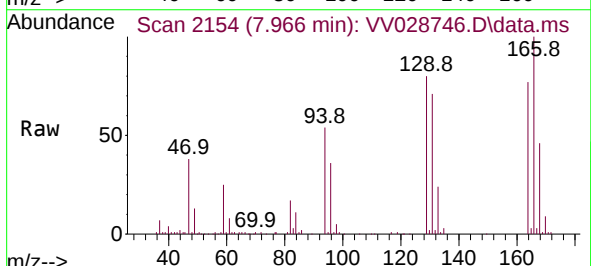
Ion Ratio Lower Upper

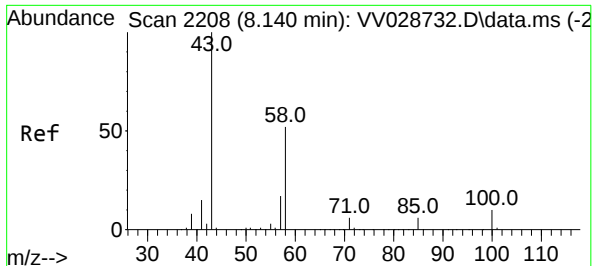
164 100

129 103.6 69.2 128.6

131 91.9 64.2 119.2

166 129.7 87.3 162.1

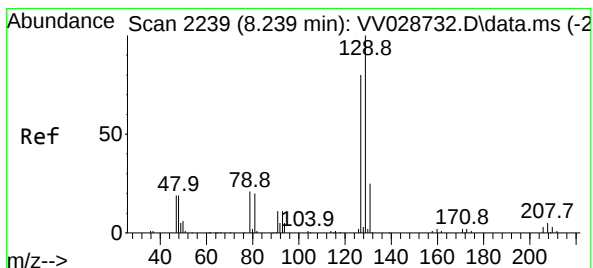
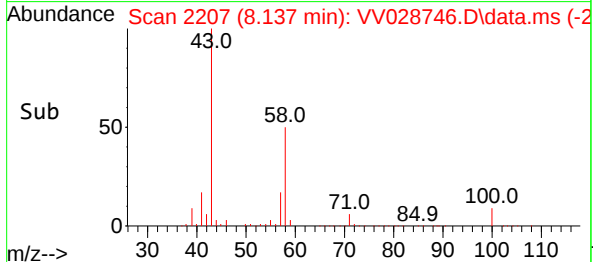
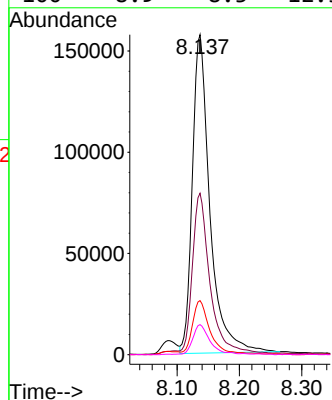
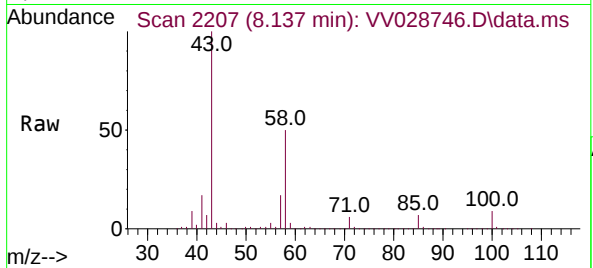




#48
2-Hexanone
Concen: 55.038 ug/L
RT: 8.137 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

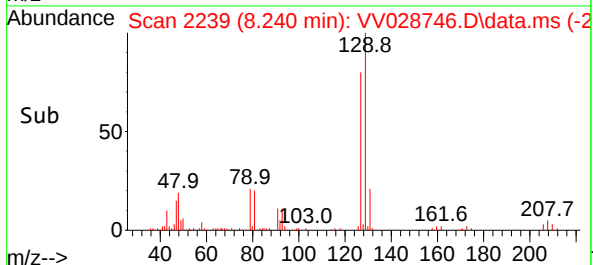
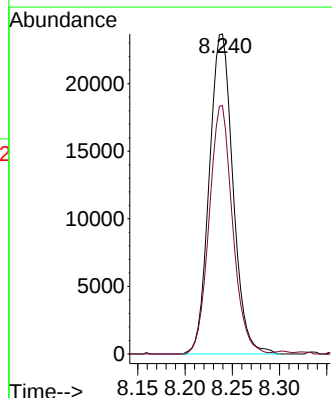
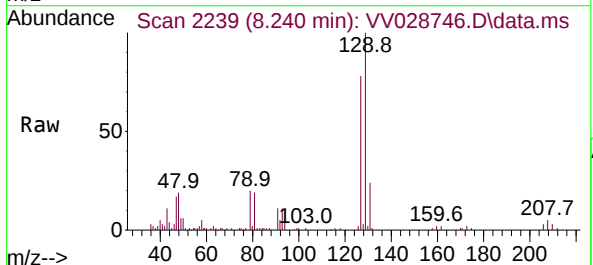
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

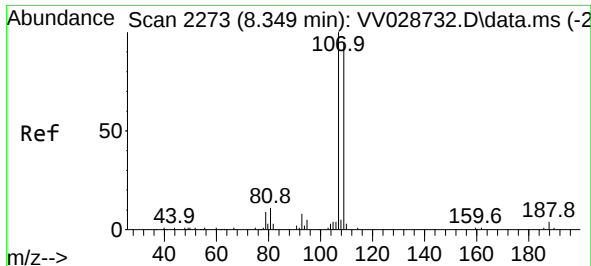
Tgt Ion: 43 Resp: 307187
Ion Ratio Lower Upper
43 100
58 52.6 40.6 60.8
57 16.0 13.8 20.8
100 8.9 8.3 12.5



#49
Dibromochloromethane
Concen: 4.816 ug/L
RT: 8.240 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

Tgt Ion: 129 Resp: 41308
Ion Ratio Lower Upper
129 100
127 77.6 51.6 95.8





#50

1,2-Dibromoethane

Concen: 4.923 ug/L

RT: 8.346 min Scan# 21

Delta R.T. -0.003 min

Lab File: VV028746.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005339

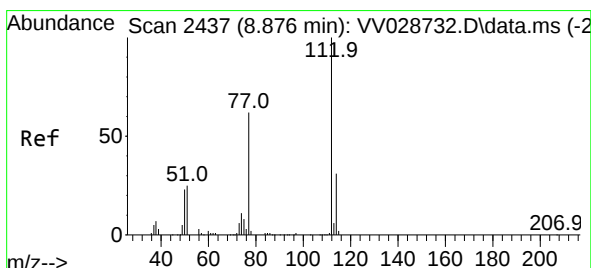
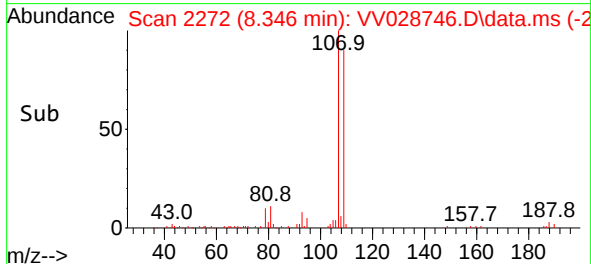
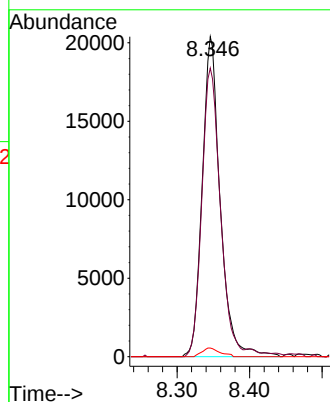
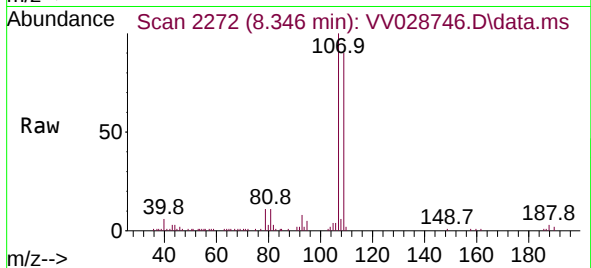
Tgt Ion:107 Resp: 35091

Ion Ratio Lower Upper

107 100

109 90.2 64.0 118.8

188 2.7 2.9 4.3#



#51

Chlorobenzene

Concen: 5.157 ug/L

RT: 8.873 min Scan# 2436

Delta R.T. -0.003 min

Lab File: VV028746.D

Acq: 28 Oct 2022 10:13

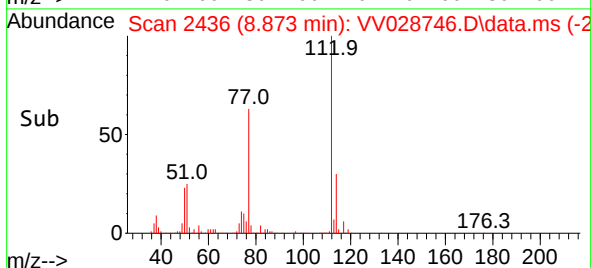
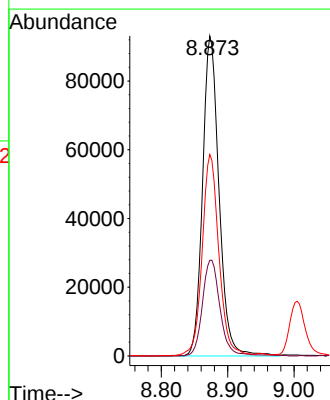
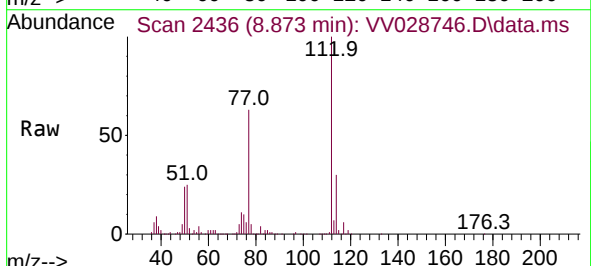
Tgt Ion:112 Resp: 160540

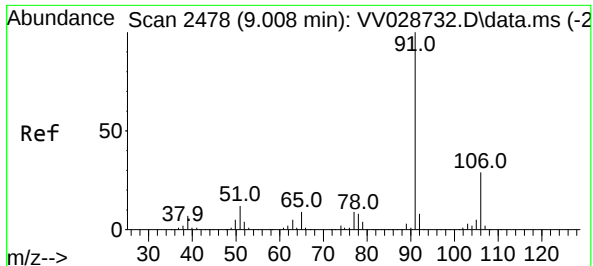
Ion Ratio Lower Upper

112 100

114 29.9 22.0 41.0

77 62.9 50.0 75.0





#52

Ethylbenzene

Concen: 5.071 ug/L

RT: 9.005 min Scan# 2478

Delta R.T. -0.003 min

Lab File: VV028746.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

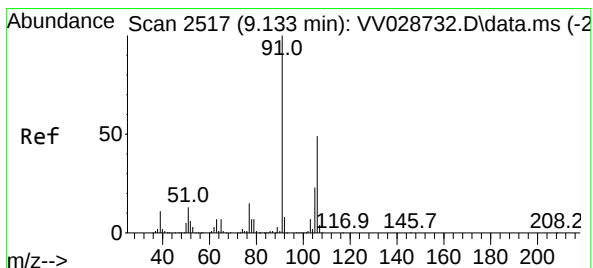
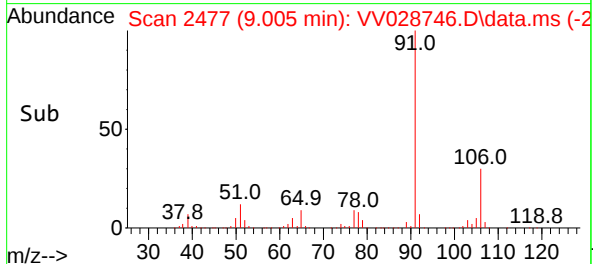
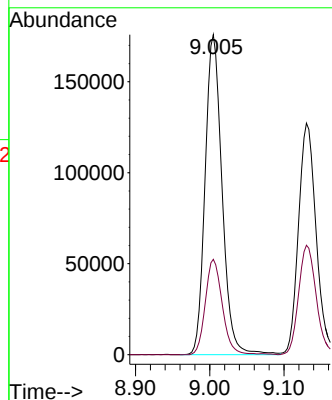
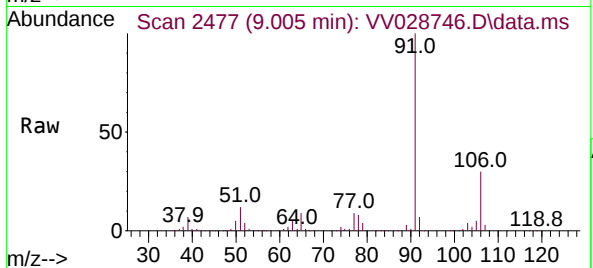
VSTD005339

Tgt Ion: 91 Resp: 278652

Ion Ratio Lower Upper

91 100

106 29.8 21.3 39.6



#53

m,p-Xylene

Concen: 5.054 ug/L

RT: 9.130 min Scan# 2516

Delta R.T. -0.003 min

Lab File: VV028746.D

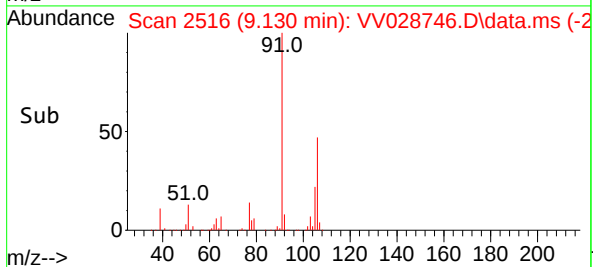
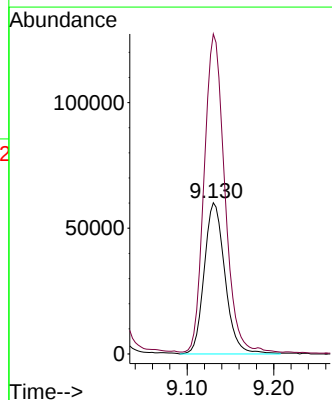
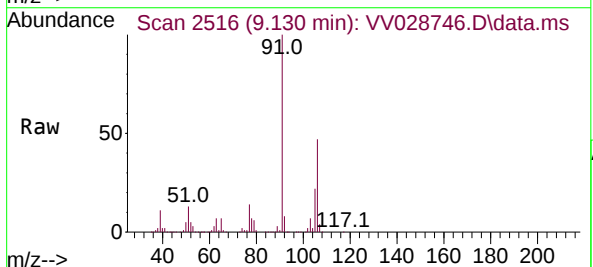
Acq: 28 Oct 2022 10:13

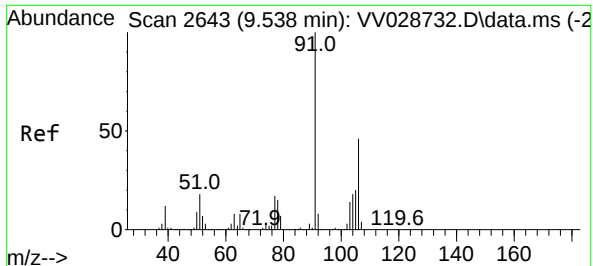
Tgt Ion: 106 Resp: 100276

Ion Ratio Lower Upper

106 100

91 211.6 145.5 270.1

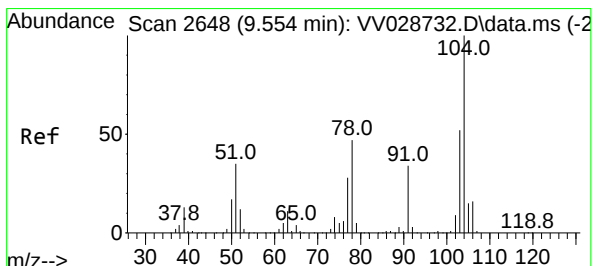
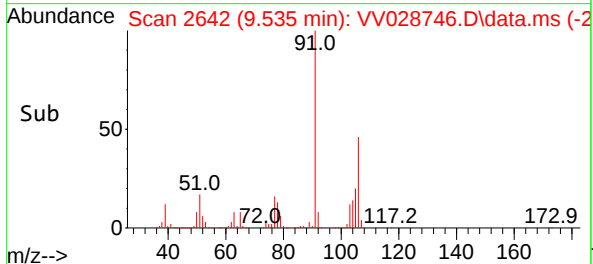
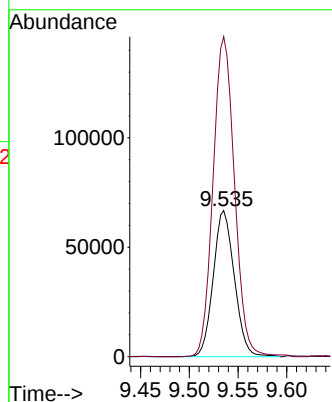
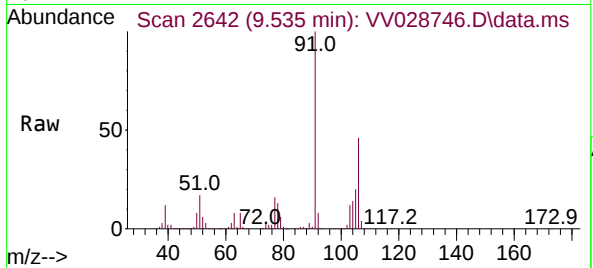




#54
o-Xylene
Concen: 5.048 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.003 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

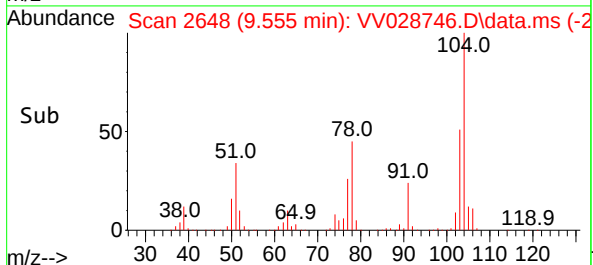
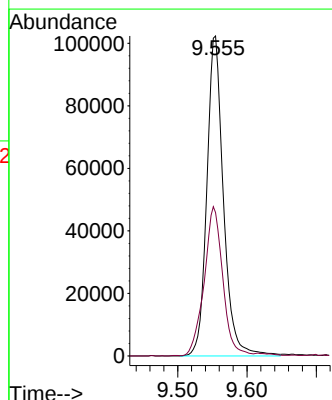
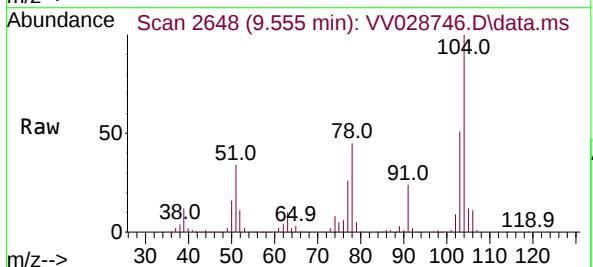
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

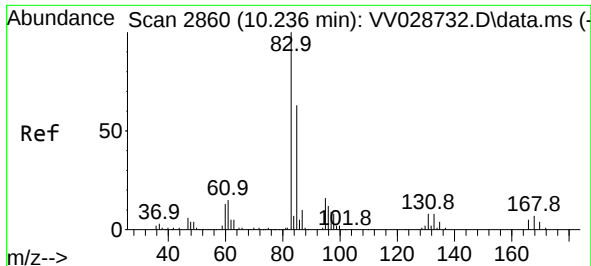
Tgt Ion:106 Resp: 100745
Ion Ratio Lower Upper
106 100
91 219.1 159.0 295.4



#55
Styrene
Concen: 5.057 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. 0.000 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

Tgt Ion:104 Resp: 170193
Ion Ratio Lower Upper
104 100
78 44.8 32.8 61.0

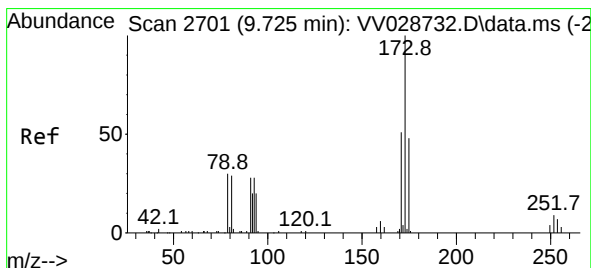
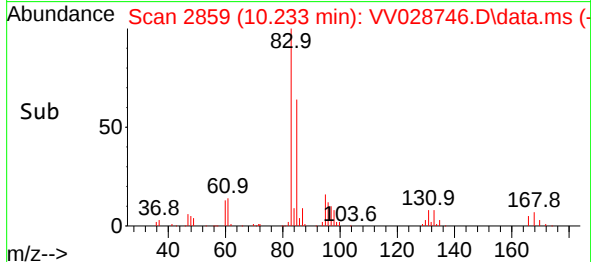
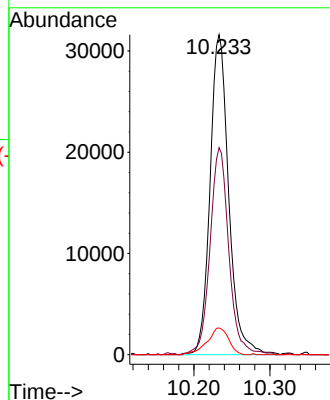
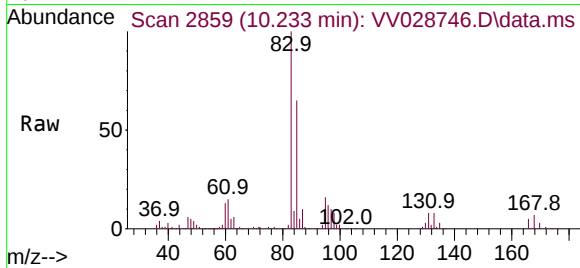




#57
1,1,2-Tetrachloroethane
Concen: 5.245 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. -0.003 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

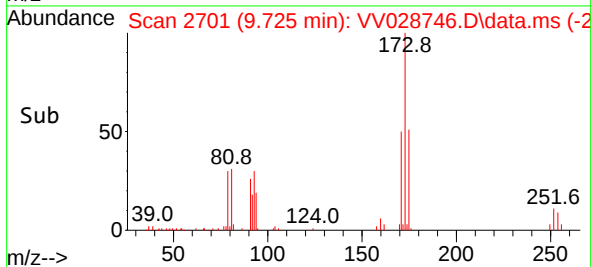
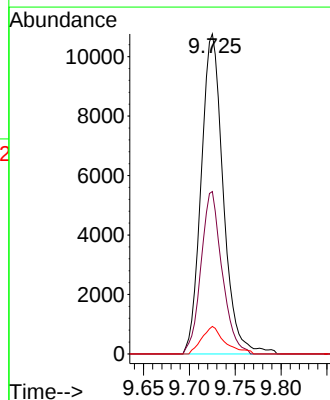
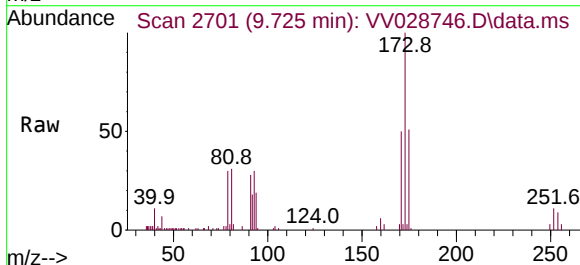
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

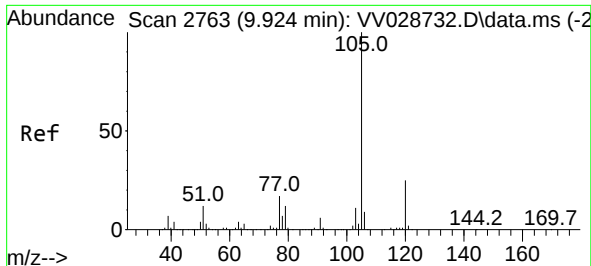
Tgt Ion: 83 Resp: 53868
Ion Ratio Lower Upper
83 100
85 64.7 43.0 80.0
131 8.4 6.5 9.7



#59
Bromoform
Concen: 4.329 ug/L
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

Tgt Ion: 173 Resp: 18002
Ion Ratio Lower Upper
173 100
175 48.5 39.8 59.8
254 9.0 7.3 10.9

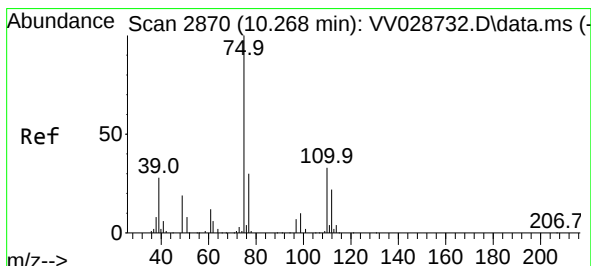
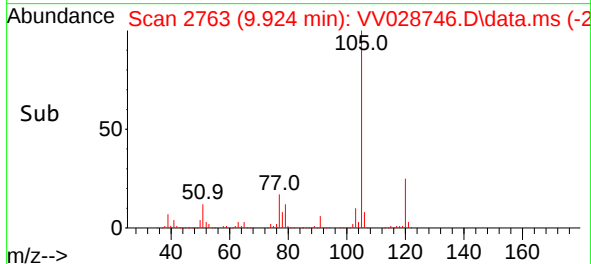
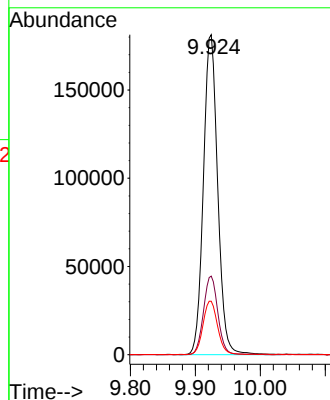
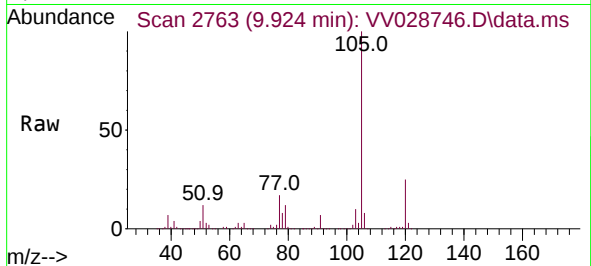




#60
Isopropylbenzene
Concen: 5.222 ug/L
RT: 9.924 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

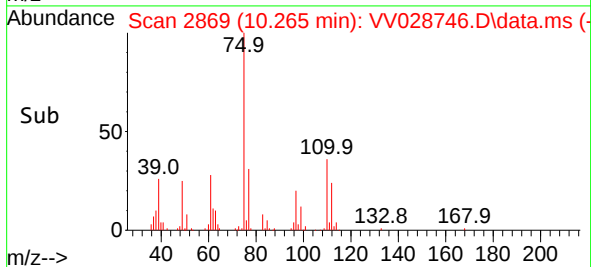
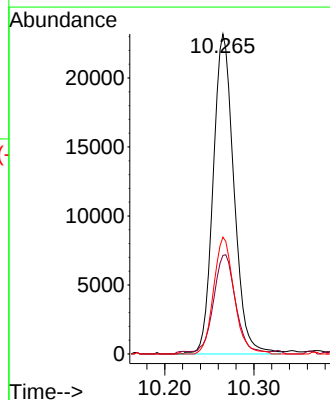
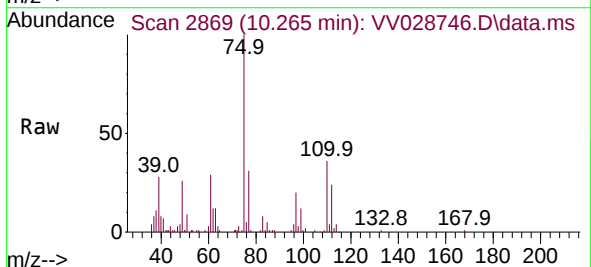
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

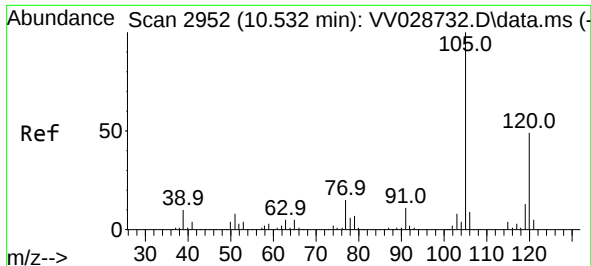
Tgt Ion:105 Resp: 278291
Ion Ratio Lower Upper
105 100
120 24.7 20.1 30.1
77 16.9 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.160 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.003 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

Tgt Ion: 75 Resp: 37524
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8
110 36.1 27.9 41.9





#62

1,3,5-Trimethylbenzene

Concen: 5.138 ug/L

RT: 10.532 min Scan# 2952

Delta R.T. 0.000 min

Lab File: VV028746.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

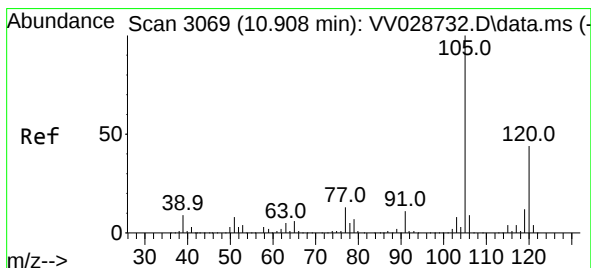
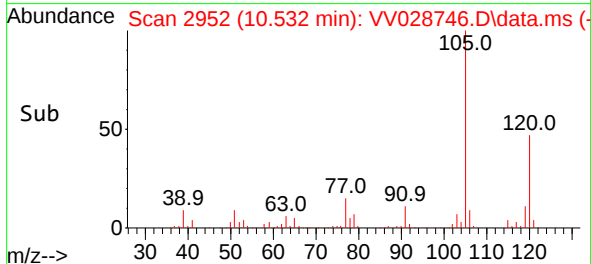
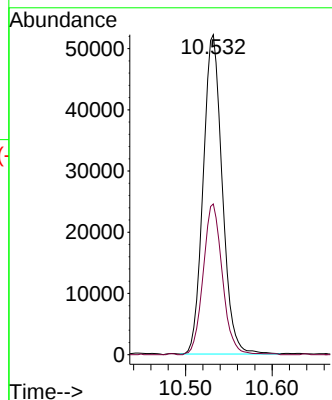
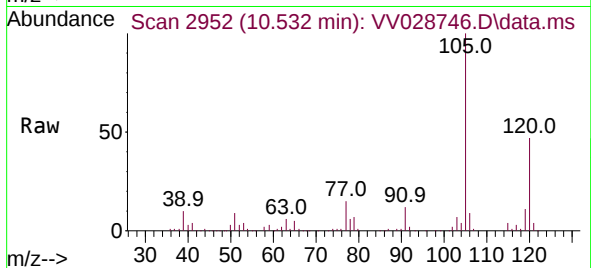
VSTD005339

Tgt Ion:105 Resp: 79890

Ion Ratio Lower Upper

105 100

120 47.5 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.140 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.003 min

Lab File: VV028746.D

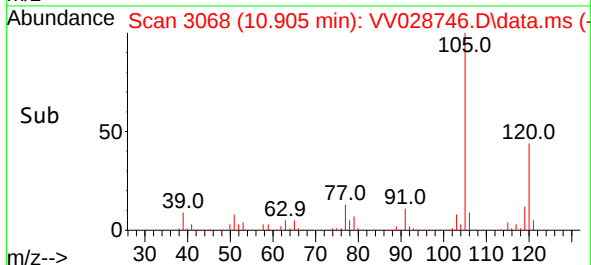
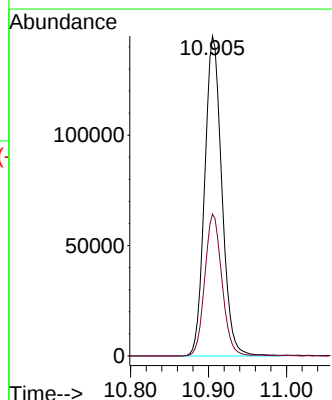
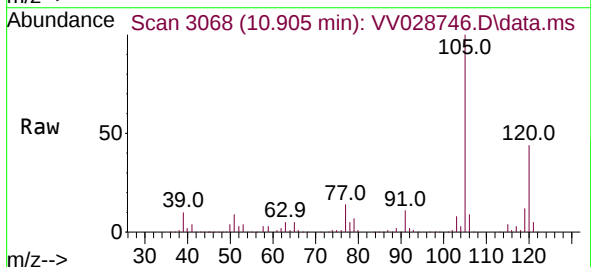
Acq: 28 Oct 2022 10:13

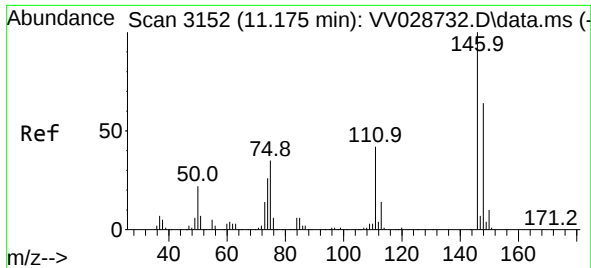
Tgt Ion:105 Resp: 221310

Ion Ratio Lower Upper

105 100

120 44.3 36.2 54.2

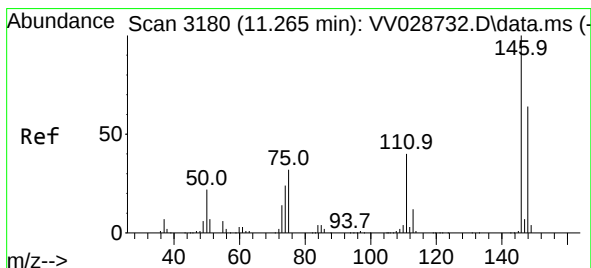
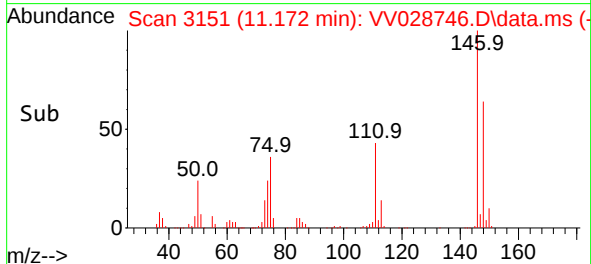
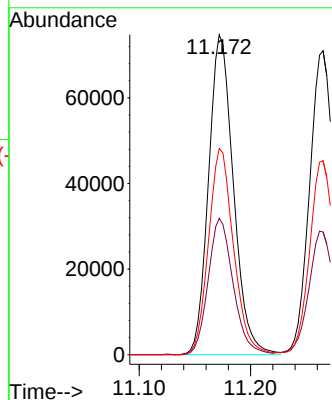
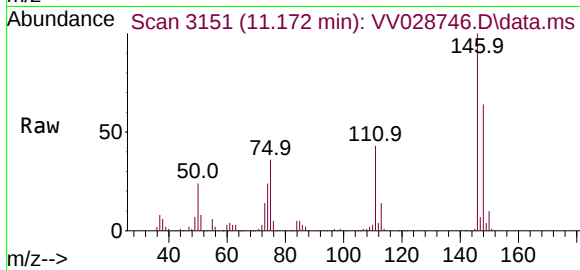




#64
1,3-Dichlorobenzene
Concen: 5.064 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

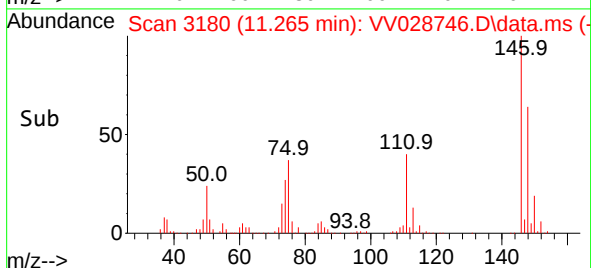
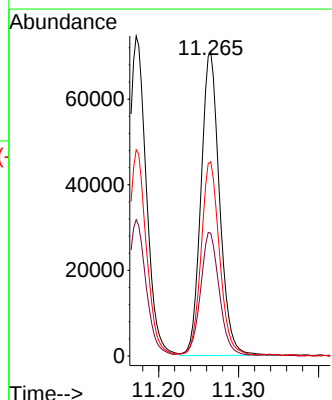
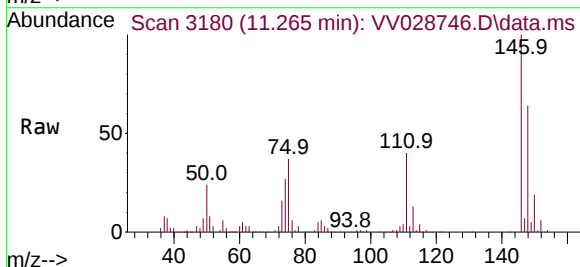
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

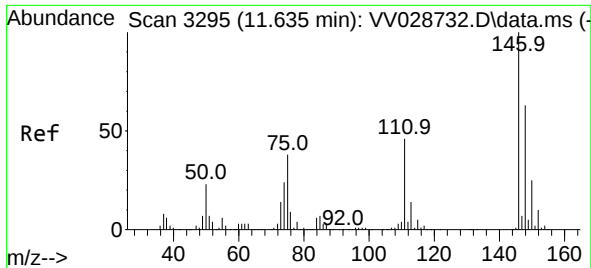
Tgt Ion:146 Resp: 116261
Ion Ratio Lower Upper
146 100
111 42.6 29.0 53.9
148 64.5 44.5 82.7



#65
1,4-Dichlorobenzene
Concen: 5.003 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

Tgt Ion:146 Resp: 114589
Ion Ratio Lower Upper
146 100
111 40.4 28.6 53.2
148 63.9 44.3 82.3

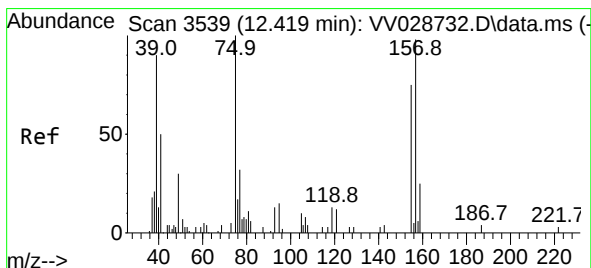
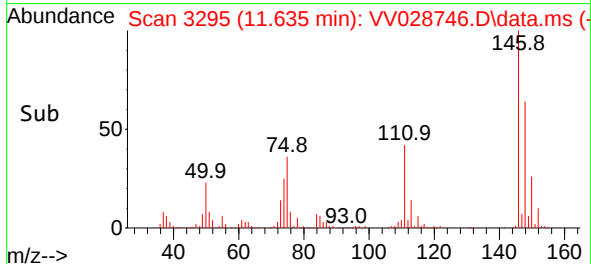
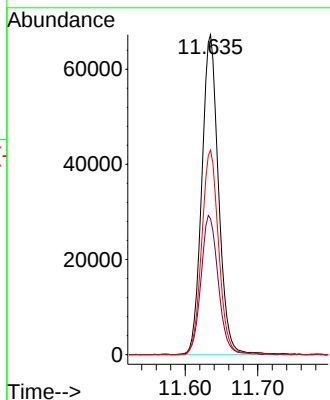
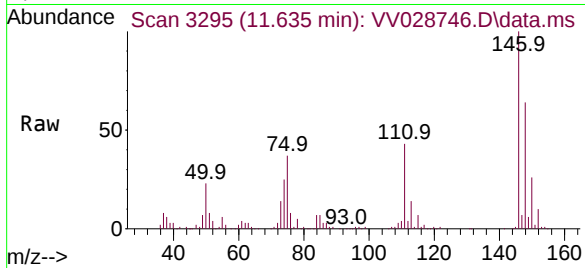




#67
1,2-Dichlorobenzene
Concen: 5.130 ug/L
RT: 11.635 min Scan# 3295
Delta R.T. 0.000 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

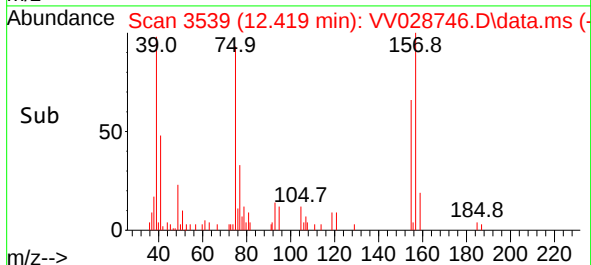
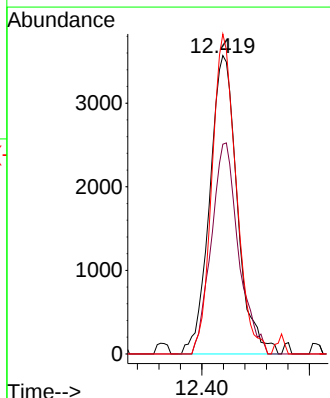
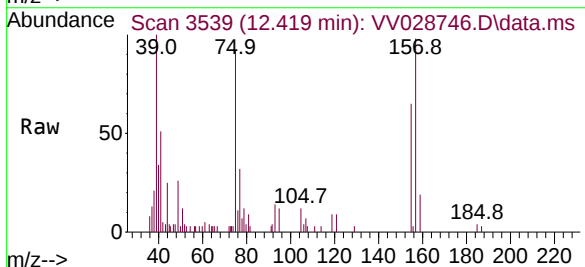
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

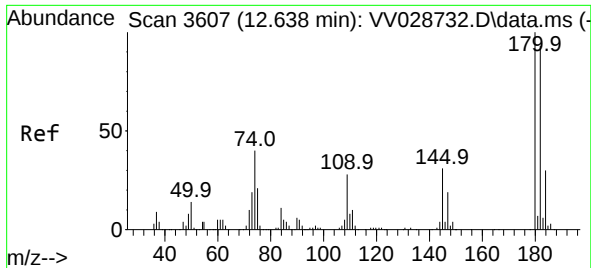
Tgt Ion:146 Resp: 107682
Ion Ratio Lower Upper
146 100
111 42.5 36.2 54.4
148 64.0 50.6 75.8



#68
1,2-Dibromo-3-chloropropane
Concen: 4.254 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. 0.000 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

Tgt Ion: 75 Resp: 6369
Ion Ratio Lower Upper
75 100
155 70.3 58.2 87.2
157 107.3 71.5 107.3

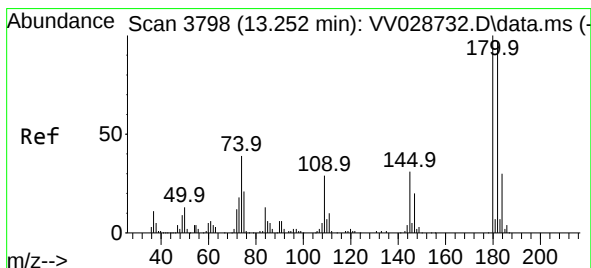
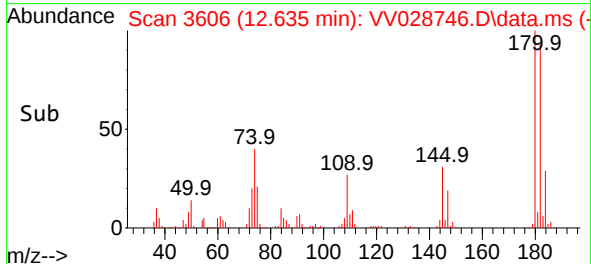
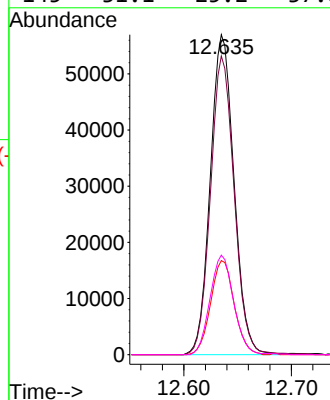
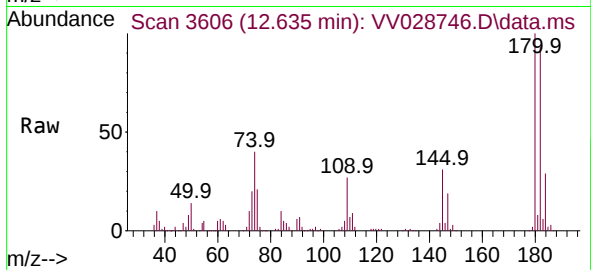




#69
1,3,5-Trichlorobenzene
Concen: 5.005 ug/L
RT: 12.635 min Scan# 3607
Delta R.T. -0.003 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

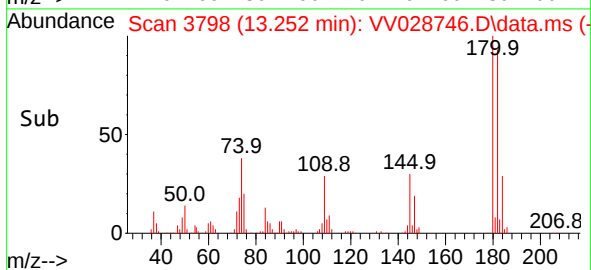
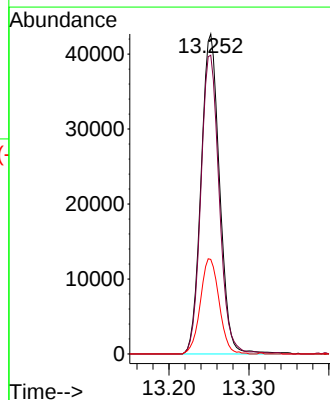
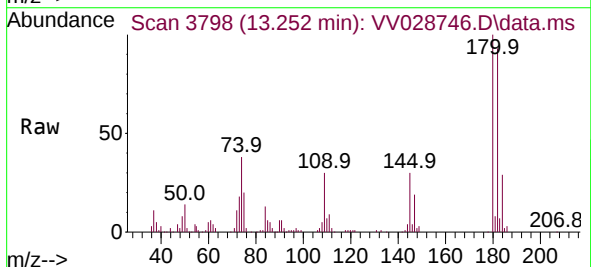
Instrument :
MSVOA_V
ClientSampleId :
VSTD005339

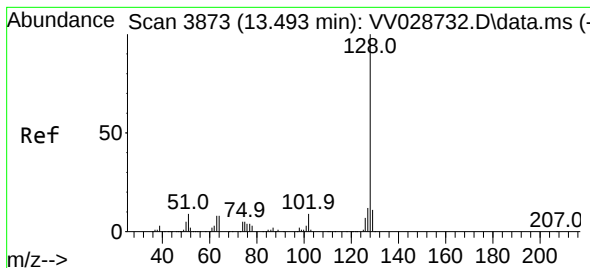
Tgt Ion:180	Resp:	87257
Ion Ratio	Lower	Upper
180	100	
182	93.0	76.6 114.8
184	29.3	24.3 36.5
145	31.1	25.2 37.8



#70
1,2,4-trichlorobenzene
Concen: 5.185 ug/L
RT: 13.252 min Scan# 3798
Delta R.T. 0.000 min
Lab File: VV028746.D
Acq: 28 Oct 2022 10:13

Tgt Ion:180	Resp:	68823
Ion Ratio	Lower	Upper
180	100	
182	92.6	74.7 112.1
145	30.2	25.5 38.3





#71

Naphthalene

Concen: 4.544 ug/L

RT: 13.493 min Scan# 3873

Delta R.T. 0.000 min

Lab File: VV028746.D

Acq: 28 Oct 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

VSTD005339

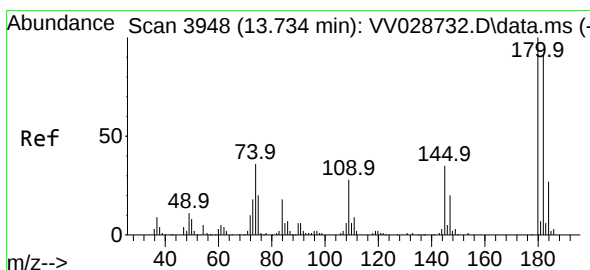
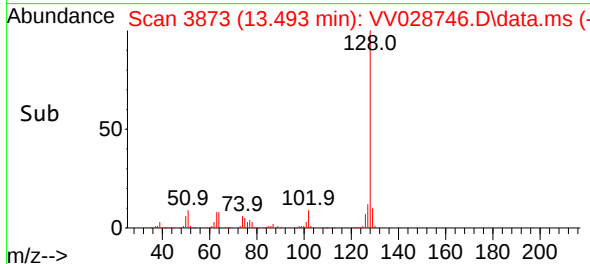
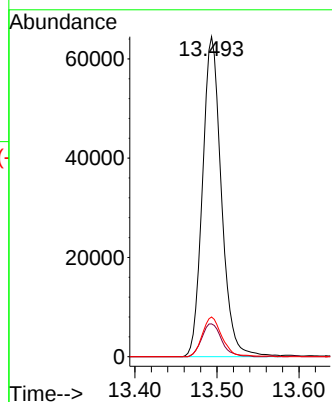
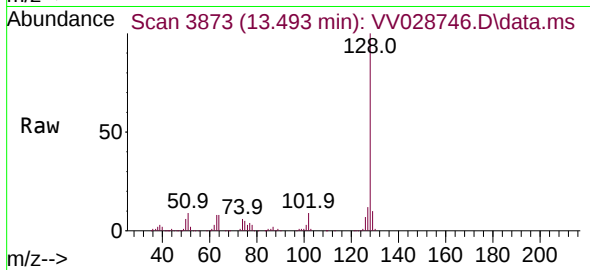
Tgt Ion:128 Resp: 103342

Ion Ratio Lower Upper

128 100

129 10.8 8.9 13.3

127 12.9 10.2 15.4



#72

1,2,3-Trichlorobenzene

Concen: 4.995 ug/L

RT: 13.731 min Scan# 3947

Delta R.T. -0.003 min

Lab File: VV028746.D

Acq: 28 Oct 2022 10:13

Tgt Ion:180 Resp: 58759

Ion Ratio Lower Upper

180 100

182 95.0 73.4 110.0

145 34.0 26.3 39.5

