

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012323\
 Data File : VW029900.D
 Acq On : 23 Jan 2023 13:16
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005388

Quant Time: Jan 24 01:30:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	177256	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	179991	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	107846	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	59452	4.422	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.564	69	55575	4.987	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.800%
11) 1,1-Dichloroethene-d2	2.105	63	117448	4.792	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	3.889	46	121214	50.867	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.740%
24) Chloroform-d	4.336	84	112271	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.024	65	47020	4.502	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.040	84	221697	4.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
36) 1,2-Dichloropropane-d6	6.059	67	67601	4.326	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.307	98	198343	4.013	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
43) trans-1,3-Dichloroprop...	7.612	79	23055	4.040	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.085	63	105931	45.595	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.200%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	53671	4.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.612	152	75990	3.876	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	77.600%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	82850	5.022	ug/L	99
3) Chloromethane	1.240	50	91538	5.272	ug/L	98
5) Vinyl chloride	1.307	62	104072	6.113	ug/L	99
6) Bromomethane	1.519	94	43300	5.224	ug/L	97
8) Chloroethane	1.584	64	65763	6.366	ug/L	100
9) Trichlorofluoromethane	1.751	101	124214	5.570	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	78321	5.962	ug/L	96
12) 1,1-Dichloroethene	2.114	96	75560	4.992	ug/L	93
13) Acetone	2.182	43	113412	66.681	ug/L	92
14) Carbon disulfide	2.291	76	229436	5.265	ug/L	99
15) Methyl Acetate	2.433	43	22141	4.999	ug/L	99
16) Methylene chloride	2.500	84	94364	5.019	ug/L	93
17) Methyl tert-butyl Ether	2.764	73	142957	5.463	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	78120	5.552	ug/L	96
19) 1,1-Dichloroethane	3.182	63	140558	5.972	ug/L	98
21) 2-Butanone	3.973	43	152332	62.519	ug/L	99
22) cis-1,2-Dichloroethene	3.899	96	82466	5.501	ug/L	94
23) Bromochloromethane	4.236	128	35454	5.726	ug/L	88
25) Chloroform	4.362	83	142254	5.560	ug/L	98

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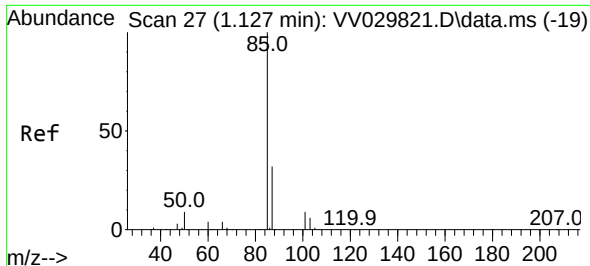
Quant Time: Jan 24 01:30:26 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	72355	5.821	ug/L	99
29) 1,1,1-Trichloroethane	4.597	97	119068	5.095	ug/L	97
30) Cyclohexane	4.667	56	118212	5.343	ug/L	98
31) Carbon tetrachloride	4.815	117	102321	5.031	ug/L	99
33) Benzene	5.088	78	324460	5.452	ug/L	100
34) Trichloroethene	5.905	95	78365	5.196	ug/L	97
35) Methylcyclohexane	6.121	83	126195	4.956	ug/L	97
37) 1,2-Dichloropropane	6.162	63	77983	5.596	ug/L	99
38) Bromodichloromethane	6.500	83	96963	5.379	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	97239	5.203	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	355931	59.847	ug/L	97
42) Toluene	7.378	91	348320	5.427	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	78323	5.201	ug/L	98
45) 1,1,2-Trichloroethane	7.828	97	53114	5.290	ug/L	97
47) Tetrachloroethene	7.963	164	65434	5.153	ug/L	99
48) 2-Hexanone	8.133	43	267622	62.956	ug/L	98
49) Dibromochloromethane	8.236	129	62344	5.291	ug/L	98
50) 1,2-Dibromoethane	8.342	107	47851	5.490	ug/L	96
51) Chlorobenzene	8.870	112	216139	5.304	ug/L	100
52) Ethylbenzene	9.001	91	353797	5.267	ug/L	100
53) m,p-Xylene	9.127	106	138267	5.200	ug/L	100
54) o-Xylene	9.532	106	131724	5.220	ug/L	100
55) Styrene	9.551	104	235786	5.433	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	65868	5.905	ug/L	97
59) Bromoform	9.719	173	33187	4.751	ug/L	99
60) Isopropylbenzene	9.921	105	353623	5.130	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	42884	5.370	ug/L	98
62) 1,3,5-Trimethylbenzene	10.529	105	288304	4.880	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	291022	4.940	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	181429	5.183	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	181277	5.195	ug/L	98
67) 1,2-Dichlorobenzene	11.632	146	164174	5.217	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	9725	5.150	ug/L	90
69) 1,3,5-Trichlorobenzene	12.632	180	141651	5.027	ug/L	100
70) 1,2,4-trichlorobenzene	13.246	180	111475	5.063	ug/L	99
71) Naphthalene	13.490	128	147949	5.187	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	93270	5.104	ug/L	99

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

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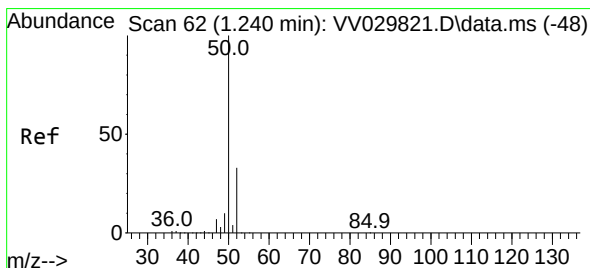
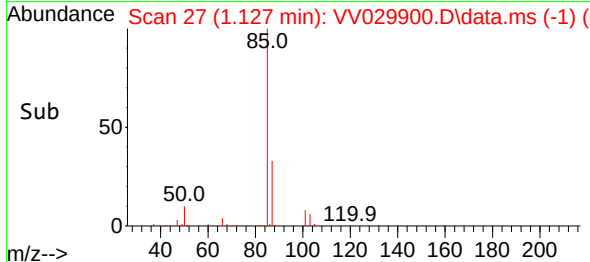
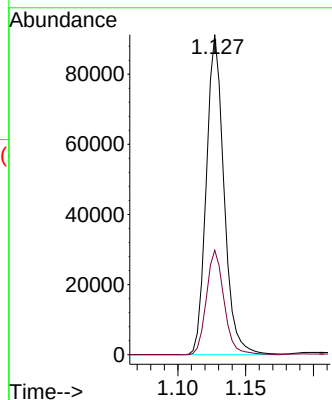
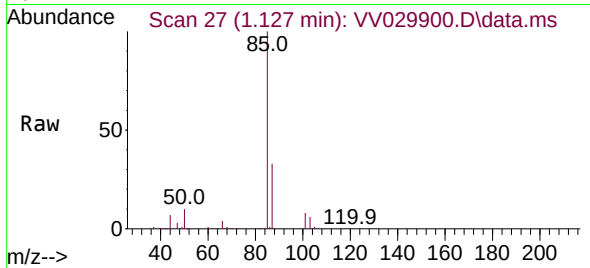




#2
 Dichlorodifluoromethane
 Concen: 5.022 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV029900.D
 Acq: 23 Jan 2023 13:16

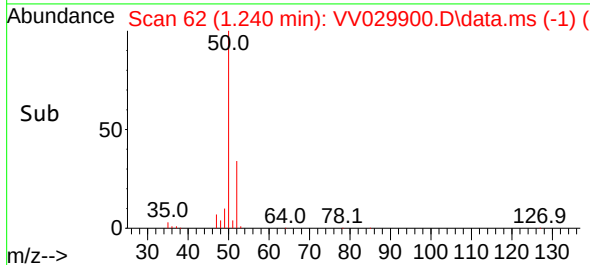
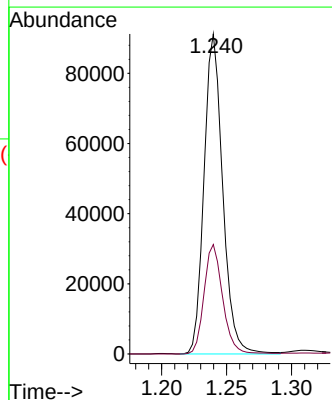
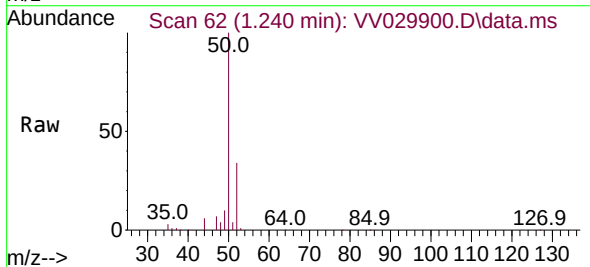
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005388

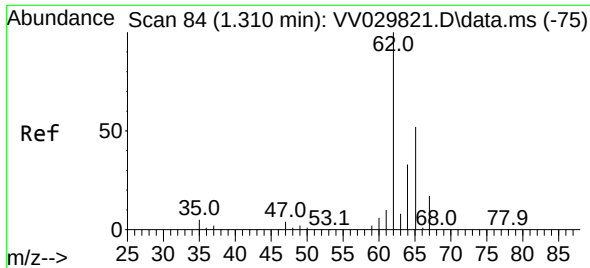
Tgt Ion: 85 Resp: 82850
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.5 39.7



#3
 Chloromethane
 Concen: 5.272 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. 0.003 min
 Lab File: VV029900.D
 Acq: 23 Jan 2023 13:16

Tgt Ion: 50 Resp: 91538
 Ion Ratio Lower Upper
 50 100
 52 34.2 23.1 42.9

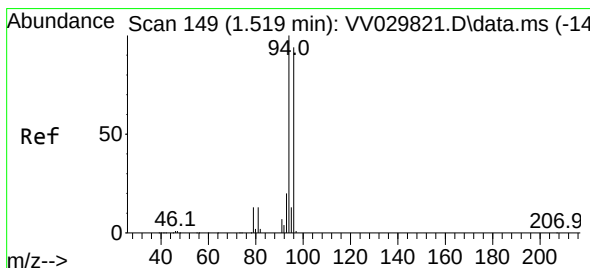
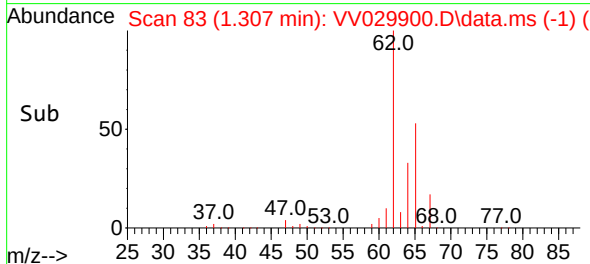
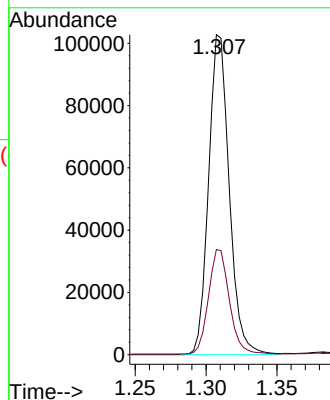
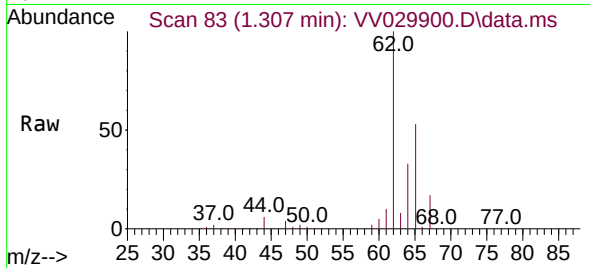




#5
 Vinyl chloride
 Concen: 6.113 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV029900.D
 Acq: 23 Jan 2023 13:16

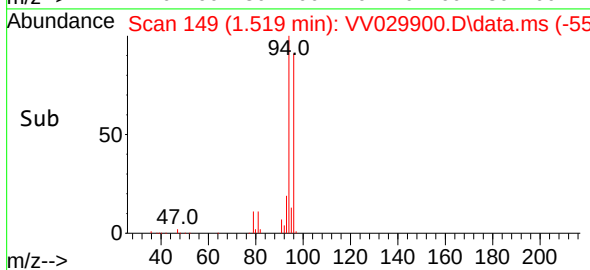
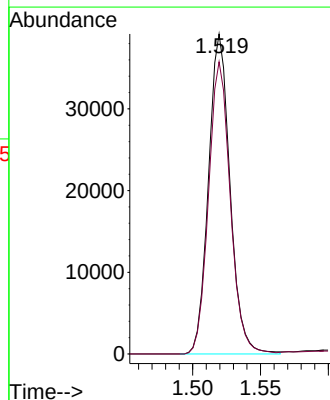
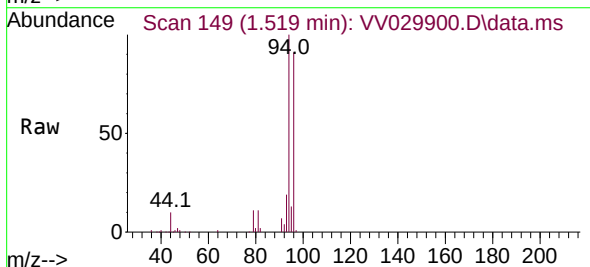
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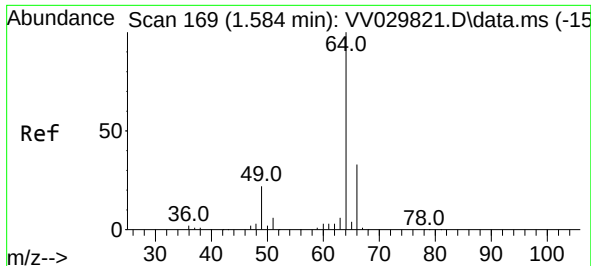
Tgt Ion: 62 Resp: 104072
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.2 43.2



#6
 Bromomethane
 Concen: 5.224 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV029900.D
 Acq: 23 Jan 2023 13:16

Tgt Ion: 94 Resp: 43300
 Ion Ratio Lower Upper
 94 100
 96 91.3 65.9 122.5

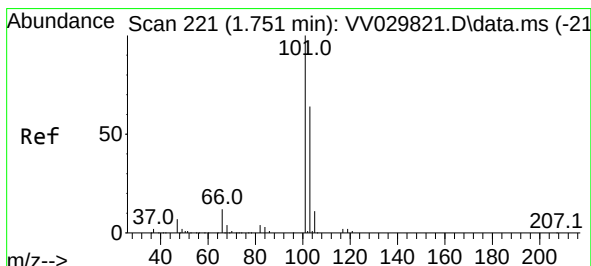
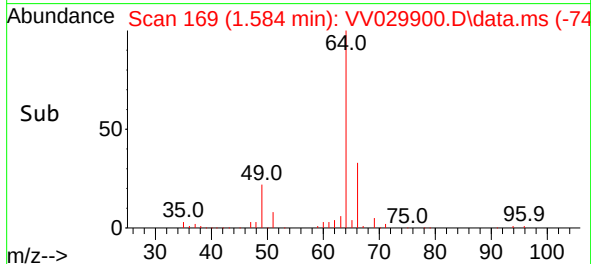
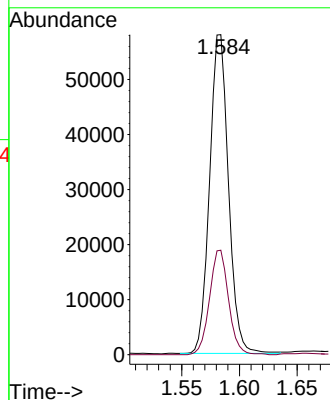
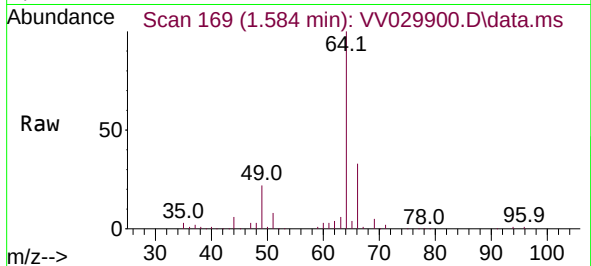




#8
Chloroethane
Concen: 6.366 ug/L
RT: 1.584 min Scan# 169
Delta R.T. 0.007 min
Lab File: VV029900.D
Acq: 23 Jan 2023 13:16

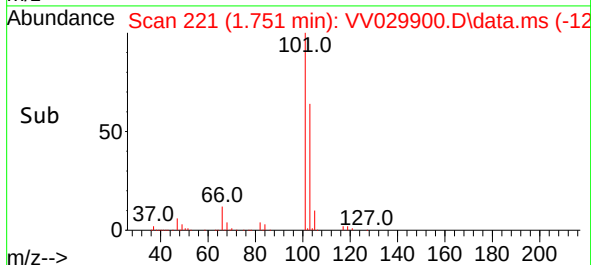
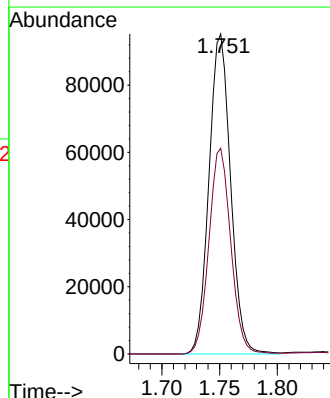
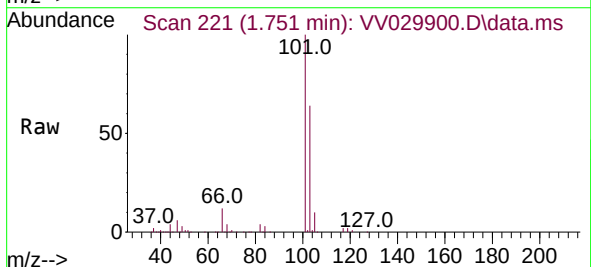
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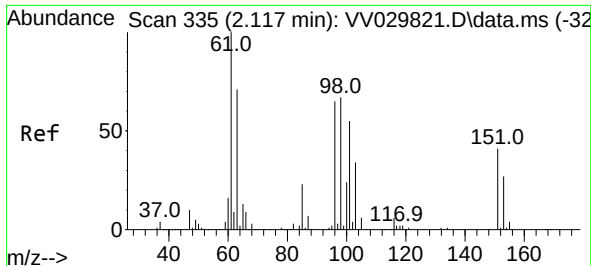
Tgt Ion: 64 Resp: 65763
Ion Ratio Lower Upper
64 100
66 32.6 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.570 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV029900.D
Acq: 23 Jan 2023 13:16

Tgt Ion:101 Resp: 124214
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

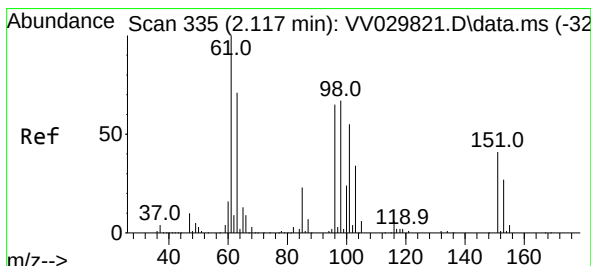
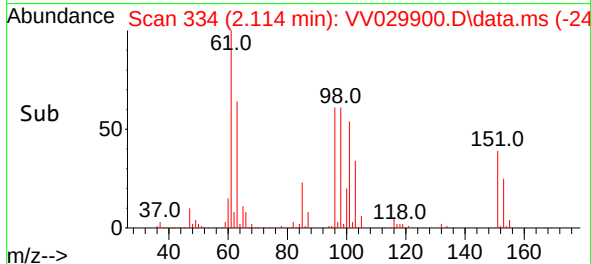
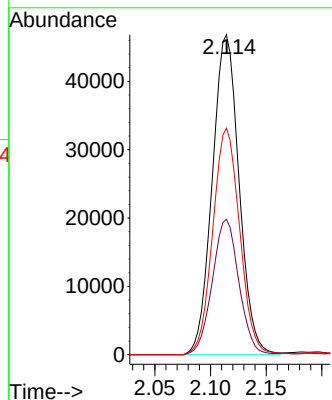
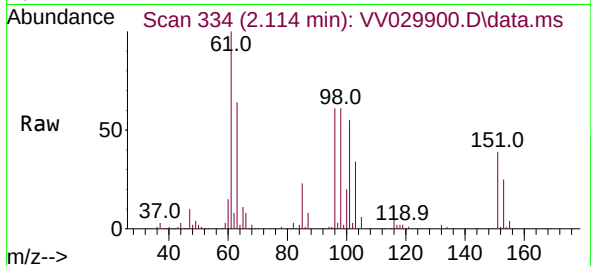




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.962 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029900.D
 Acq: 23 Jan 2023 13:16

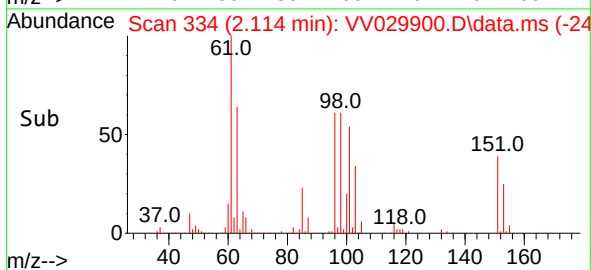
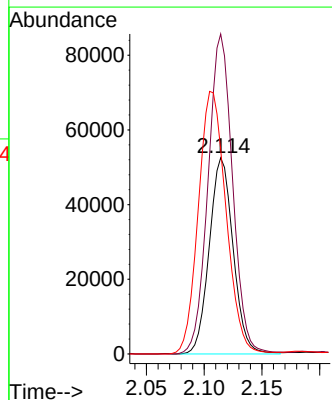
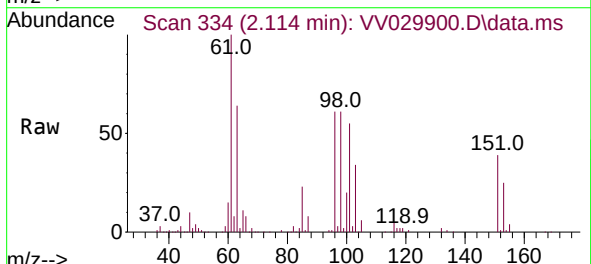
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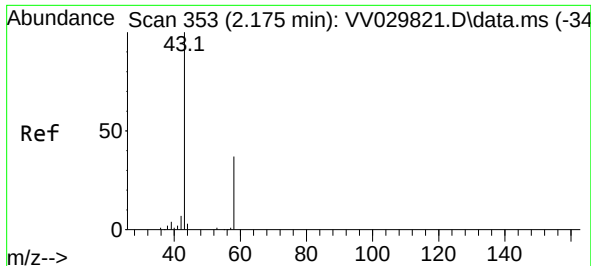
Tgt Ion:101 Resp: 78321
 Ion Ratio Lower Upper
 101 100
 85 42.2 32.9 49.3
 151 71.2 60.9 91.3



#12
 1,1-Dichloroethene
 Concen: 4.992 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. 0.003 min
 Lab File: VV029900.D
 Acq: 23 Jan 2023 13:16

Tgt Ion: 96 Resp: 75560
 Ion Ratio Lower Upper
 96 100
 61 163.1 106.1 197.1
 63 104.2 76.4 141.8





#13

Acetone

Concen: 66.681 ug/L

RT: 2.182 min Scan# 31

Delta R.T. -0.016 min

Lab File: VV029900.D

Acq: 23 Jan 2023 13:16

Instrument :

MSVOA_V

ClientSampleId :

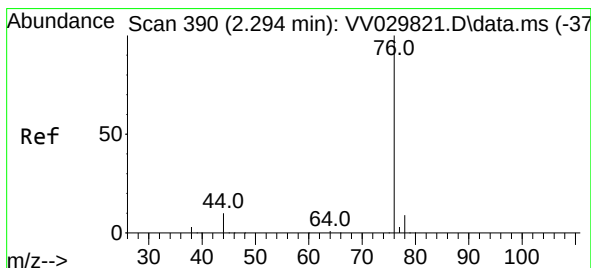
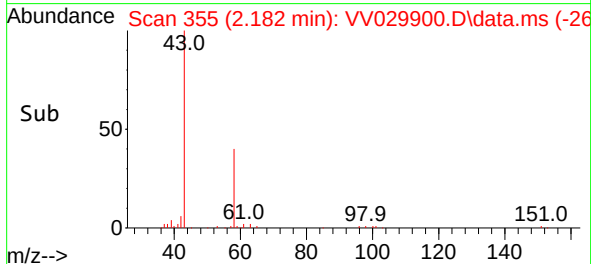
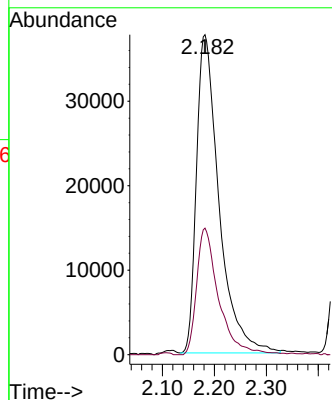
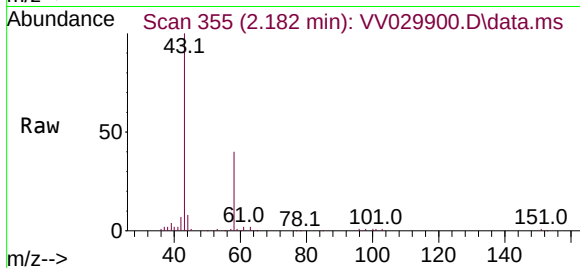
VSTD005388

Tgt Ion: 43 Resp: 113412

Ion Ratio Lower Upper

43 100

58 38.8 0.0 68.8



#14

Carbon disulfide

Concen: 5.265 ug/L

RT: 2.291 min Scan# 389

Delta R.T. 0.006 min

Lab File: VV029900.D

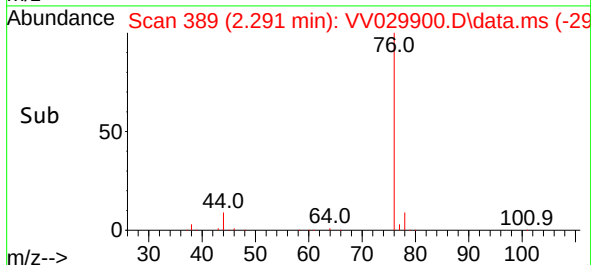
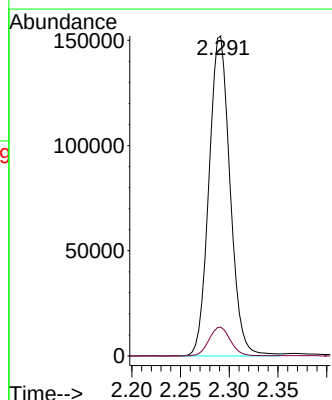
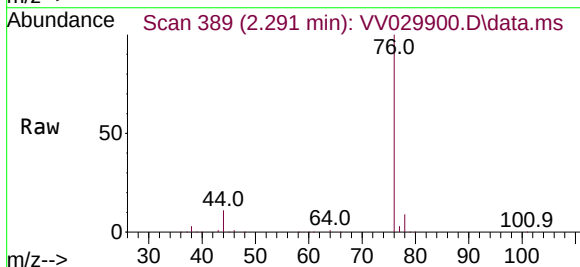
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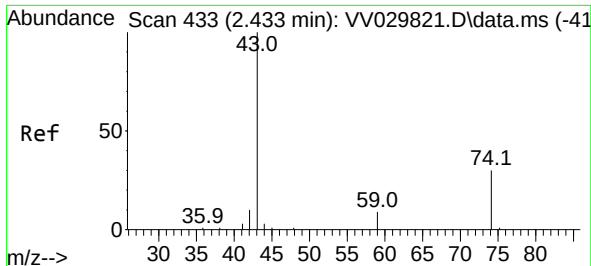
Tgt Ion: 76 Resp: 229436

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

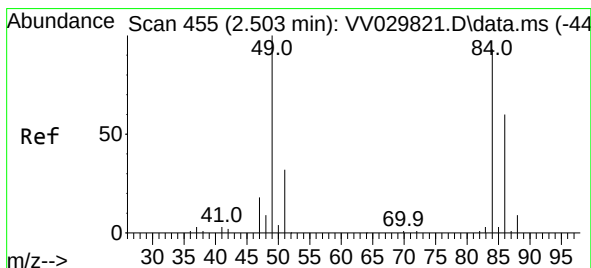
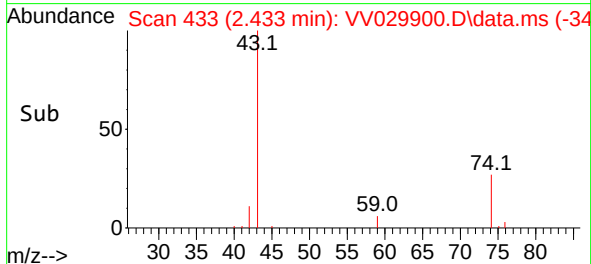
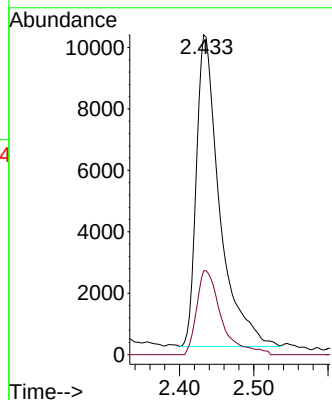
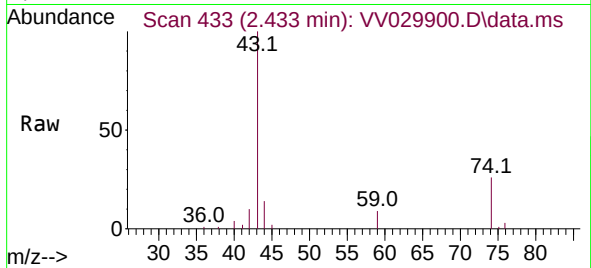




#15
Methyl Acetate
Concen: 4.999 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV029900.D
Acq: 23 Jan 2023 13:16

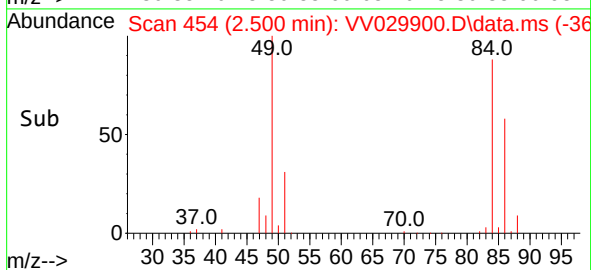
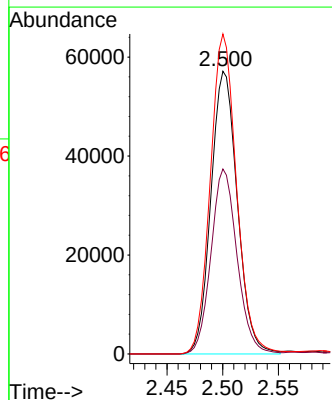
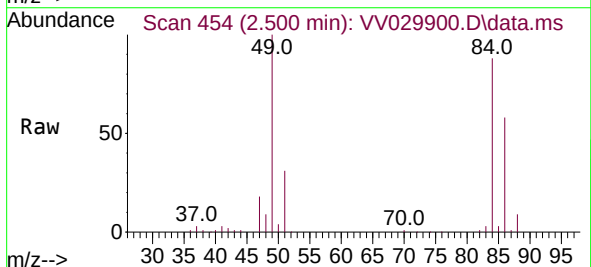
Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

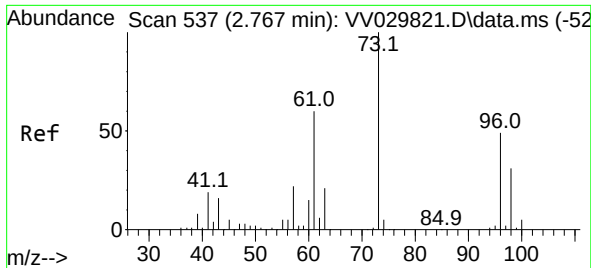
Tgt Ion: 43 Resp: 22141
Ion Ratio Lower Upper
43 100
74 28.6 23.4 35.0



#16
Methylene chloride
Concen: 5.019 ug/L
RT: 2.500 min Scan# 454
Delta R.T. 0.003 min
Lab File: VV029900.D
Acq: 23 Jan 2023 13:16

Tgt Ion: 84 Resp: 94364
Ion Ratio Lower Upper
84 100
86 65.4 45.0 83.6
49 113.2 71.5 132.7

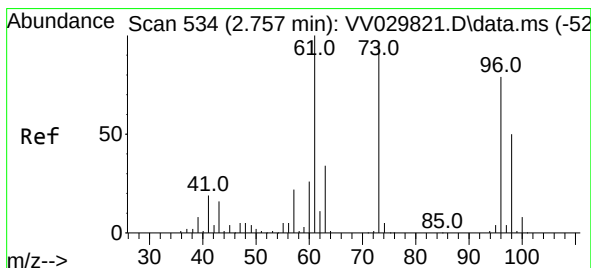
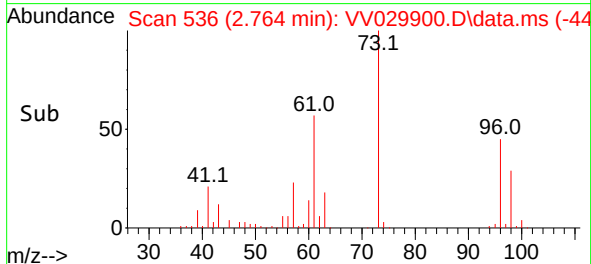
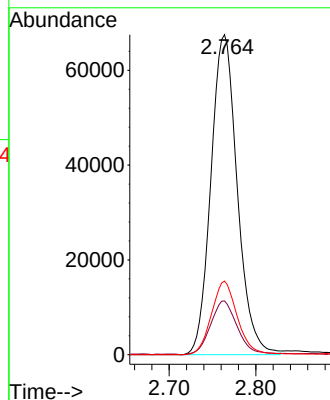
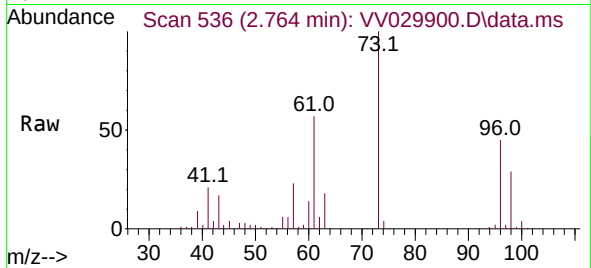




#17
Methyl tert-butyl Ether
Concen: 5.463 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029900.D
Acq: 23 Jan 2023 13:16

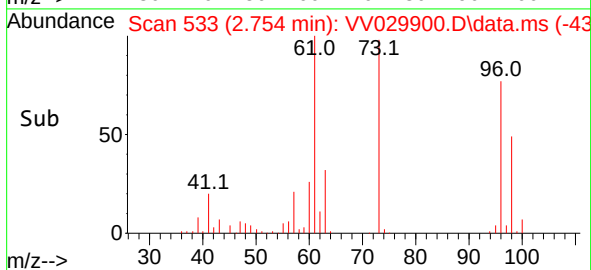
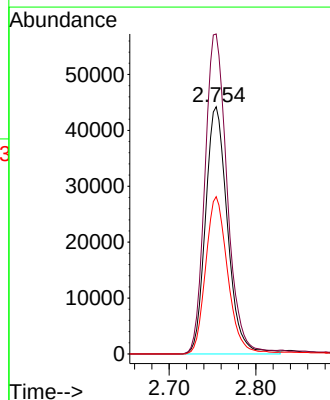
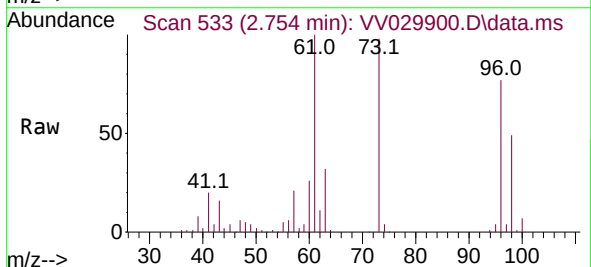
Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

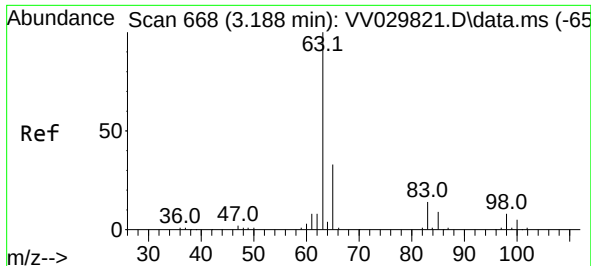
Tgt Ion: 73 Resp: 142957
Ion Ratio Lower Upper
73 100
43 17.3 13.0 19.4
57 22.6 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.552 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.003 min
Lab File: VV029900.D
Acq: 23 Jan 2023 13:16

Tgt Ion: 96 Resp: 78120
Ion Ratio Lower Upper
96 100
61 129.4 86.1 159.9
98 63.6 43.9 81.5





#19

1,1-Dichloroethane

Concen: 5.972 ug/L

RT: 3.182 min Scan# 6

Delta R.T. 0.003 min

Lab File: VV029900.D

Acq: 23 Jan 2023 13:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD005388

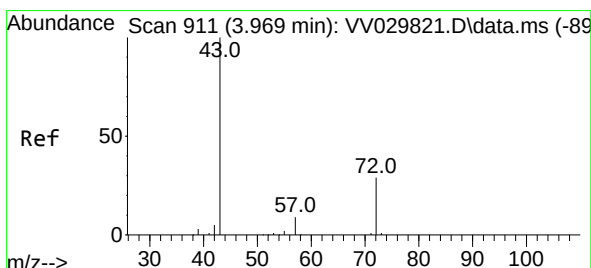
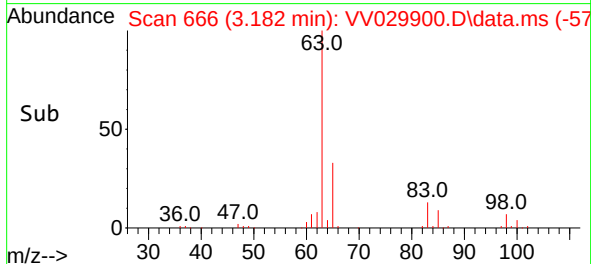
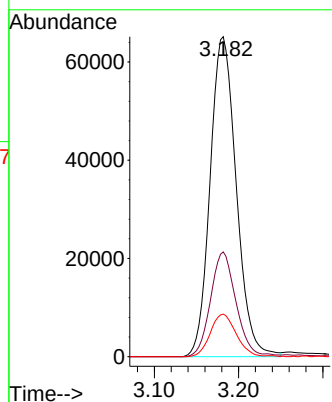
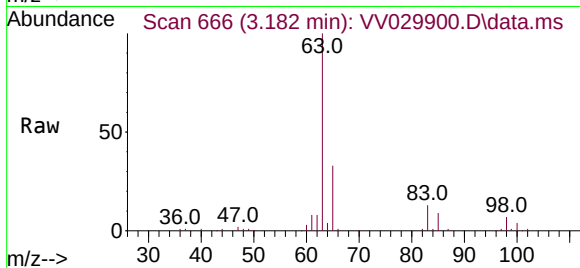
Tgt Ion: 63 Resp: 140558

Ion Ratio Lower Upper

63 100

65 32.8 22.4 41.6

83 13.3 10.2 19.0



#21

2-Butanone

Concen: 62.519 ug/L

RT: 3.973 min Scan# 912

Delta R.T. -0.009 min

Lab File: VV029900.D

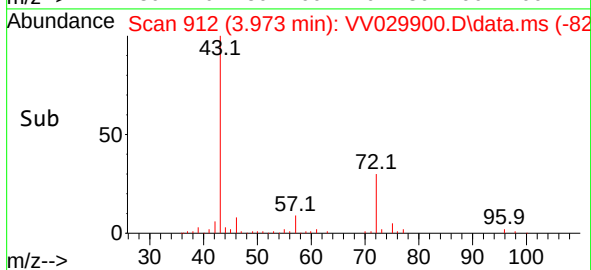
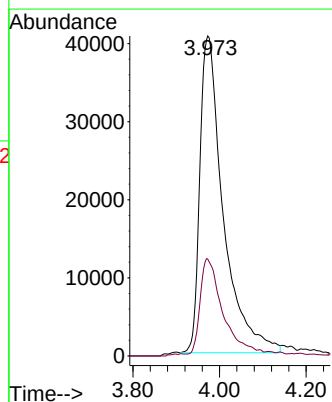
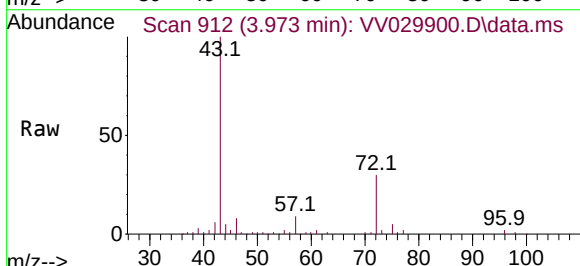
Acq: 23 Jan 2023 13:16

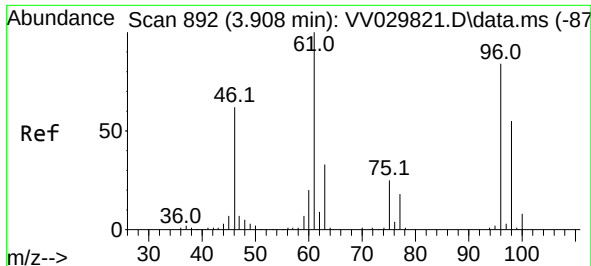
Tgt Ion: 43 Resp: 152332

Ion Ratio Lower Upper

43 100

72 28.4 13.9 41.6

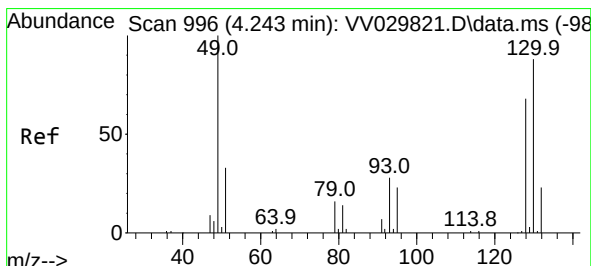
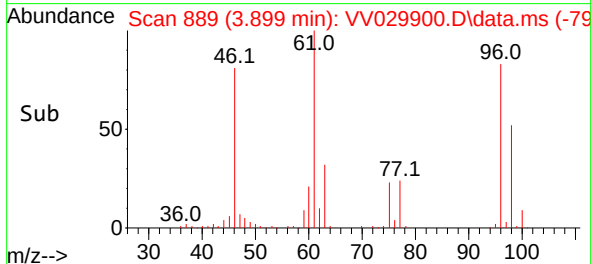
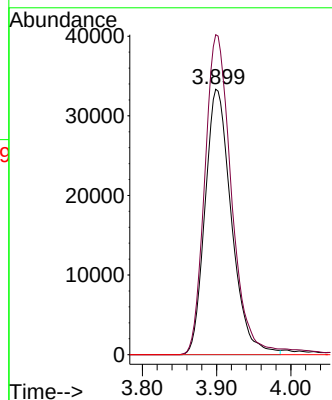
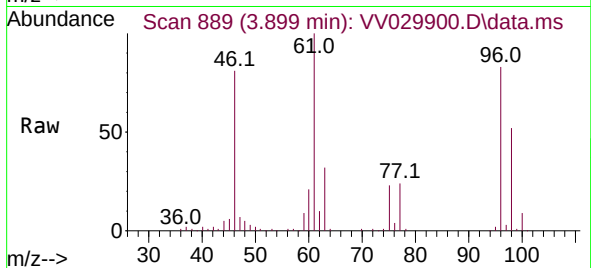




#22
 cis-1,2-Dichloroethene
 Concen: 5.501 ug/L
 RT: 3.899 min Scan# 892
 Delta R.T. -0.000 min
 Lab File: VV029900.D
 Acq: 23 Jan 2023 13:16

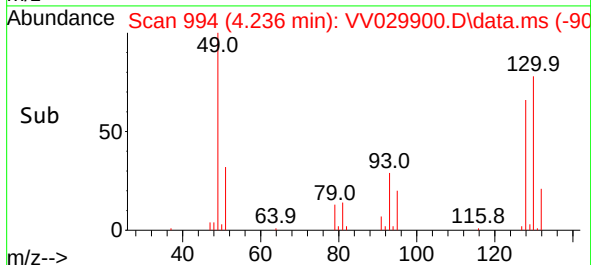
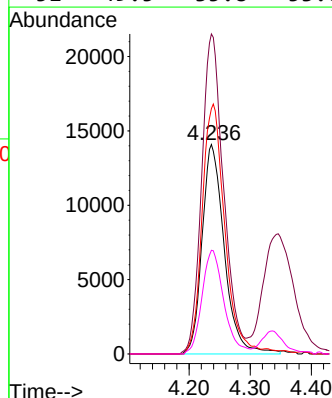
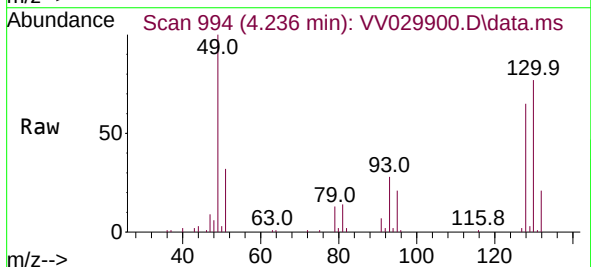
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005388

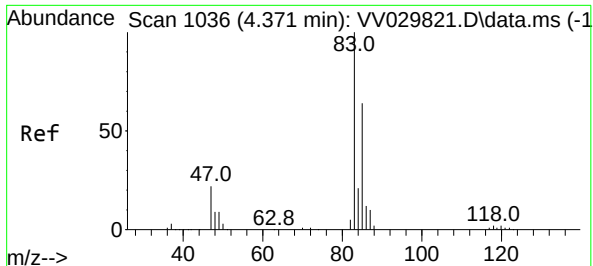
Tgt Ion: 96 Resp: 82466
 Ion Ratio Lower Upper
 96 100
 61 120.5 80.0 148.6
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 5.726 ug/L
 RT: 4.236 min Scan# 994
 Delta R.T. 0.000 min
 Lab File: VV029900.D
 Acq: 23 Jan 2023 13:16

Tgt Ion: 128 Resp: 35454
 Ion Ratio Lower Upper
 128 100
 49 152.8 91.2 169.4
 130 117.1 87.0 161.6
 51 49.5 35.8 53.6





#25

Chloroform

Concen: 5.560 ug/L

RT: 4.362 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV029900.D

Acq: 23 Jan 2023 13:16

Instrument :

MSVOA_V

ClientSampleId :

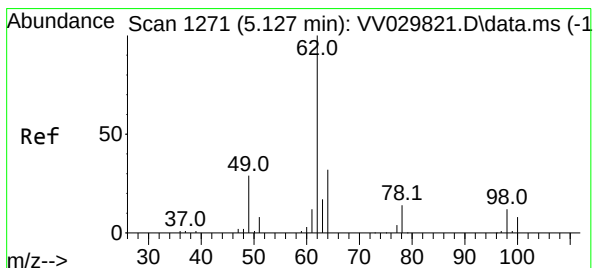
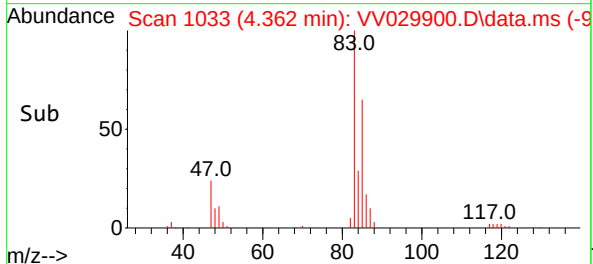
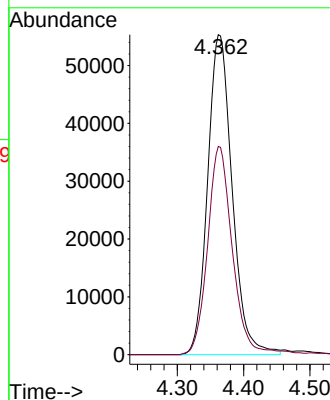
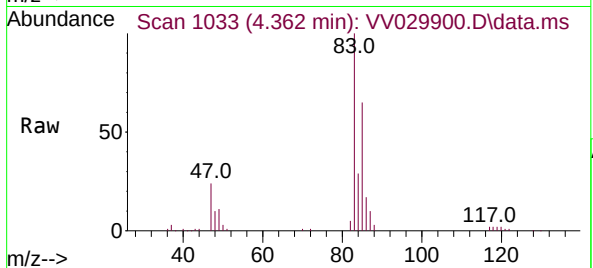
VSTD005388

Tgt Ion: 83 Resp: 142254

Ion Ratio Lower Upper

83 100

85 65.1 46.5 86.5



#27

1,2-Dichloroethane

Concen: 5.821 ug/L

RT: 5.121 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VV029900.D

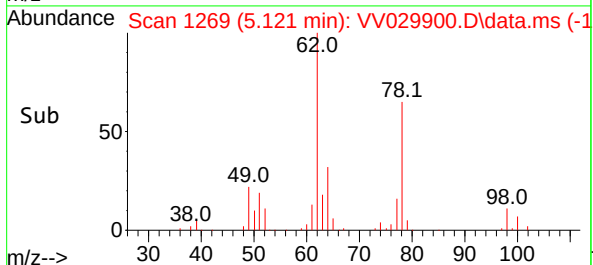
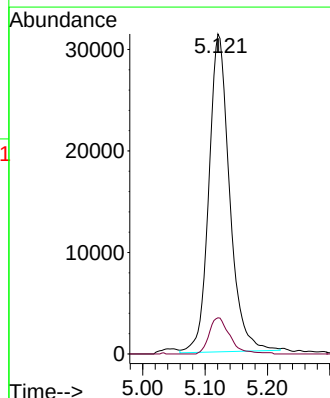
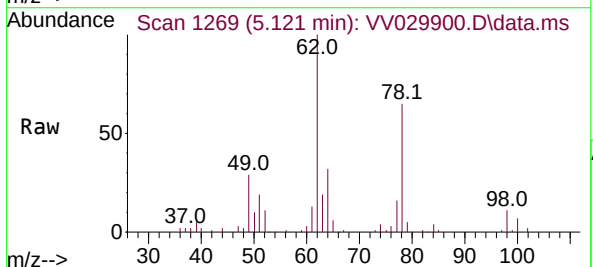
Acq: 23 Jan 2023 13:16

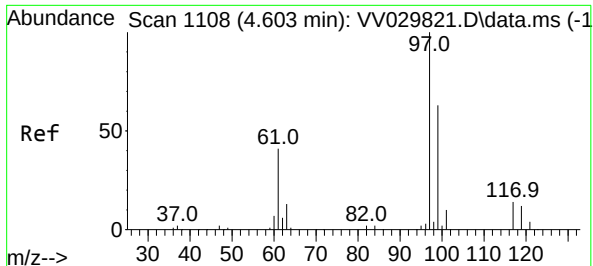
Tgt Ion: 62 Resp: 72355

Ion Ratio Lower Upper

62 100

98 11.3 8.9 13.3





#29

1,1,1-Trichloroethane

Concen: 5.095 ug/L

RT: 4.597 min Scan# 1106

Delta R.T. -0.000 min

Lab File: VV029900.D

Acq: 23 Jan 2023 13:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD005388

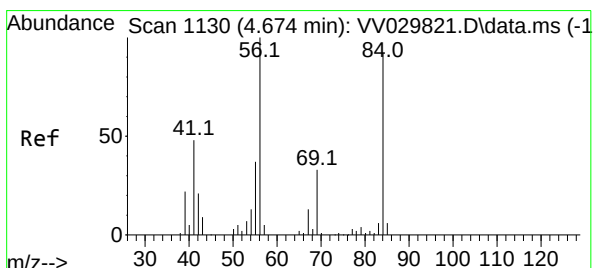
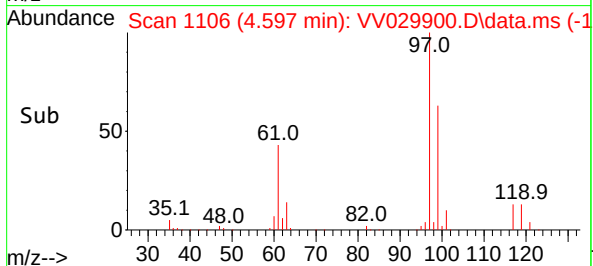
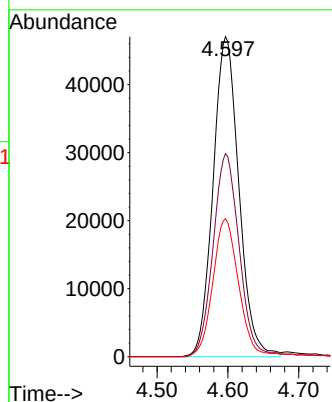
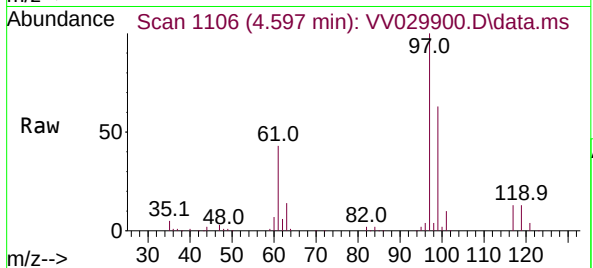
Tgt Ion: 97 Resp: 119068

Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

61 43.1 31.6 47.4



#30

Cyclohexane

Concen: 5.343 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VV029900.D

Acq: 23 Jan 2023 13:16

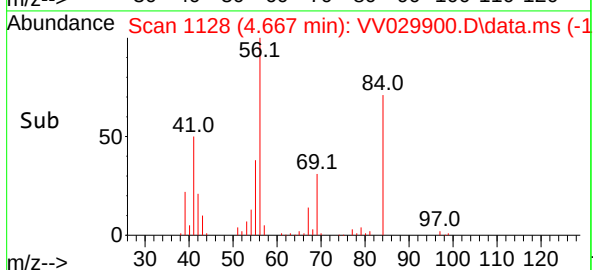
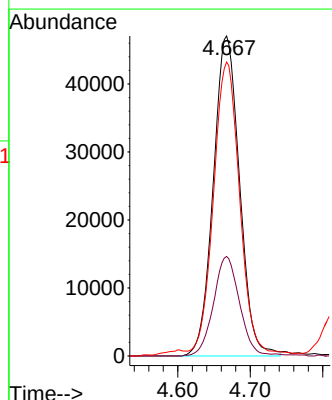
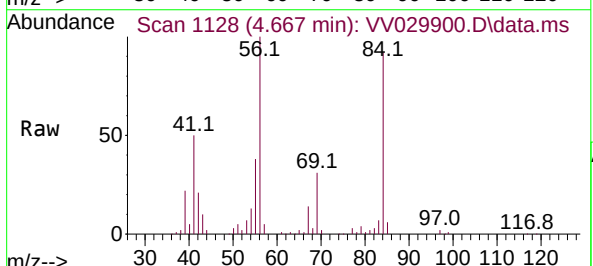
Tgt Ion: 56 Resp: 118212

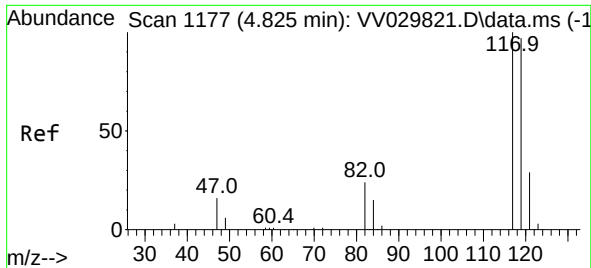
Ion Ratio Lower Upper

56 100

69 30.7 26.7 40.1

84 91.5 73.8 110.8

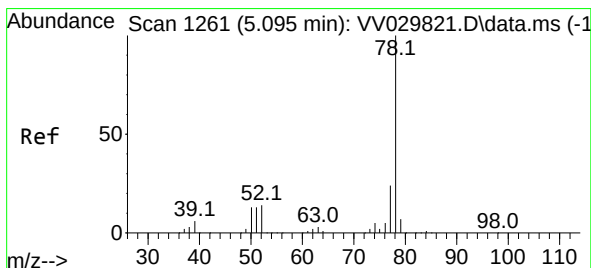
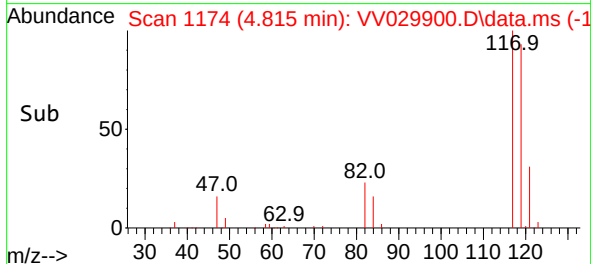
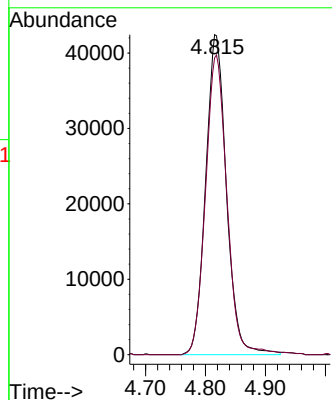
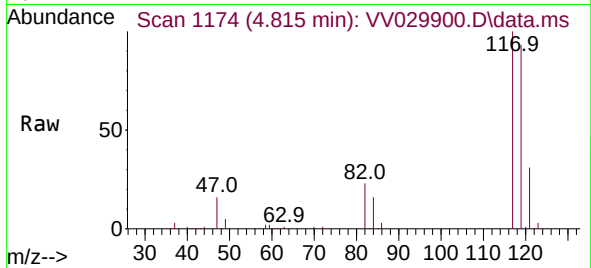




#31
Carbon tetrachloride
Concen: 5.031 ug/L
RT: 4.815 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VV029900.D
Acq: 23 Jan 2023 13:16

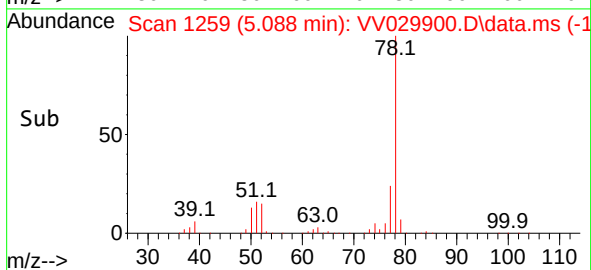
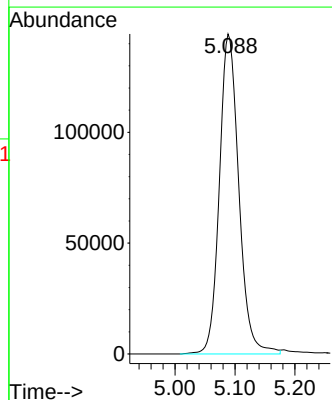
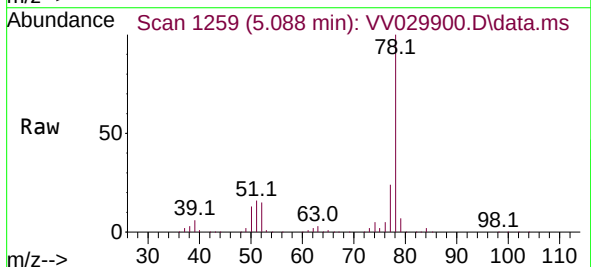
Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

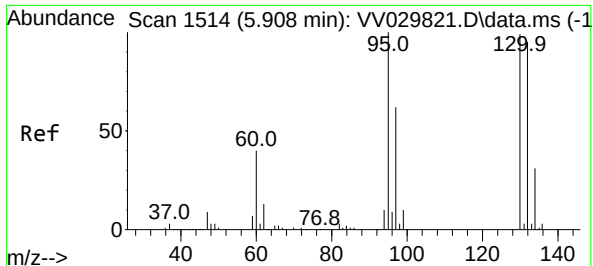
Tgt Ion:117 Resp: 102321
Ion Ratio Lower Upper
117 100
119 96.8 76.6 114.8



#33
Benzene
Concen: 5.452 ug/L
RT: 5.088 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VV029900.D
Acq: 23 Jan 2023 13:16

Tgt Ion: 78 Resp: 324460





#34

Trichloroethene

Concen: 5.196 ug/L

RT: 5.905 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV029900.D

Acq: 23 Jan 2023 13:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD005388

Tgt Ion: 95 Resp: 78365

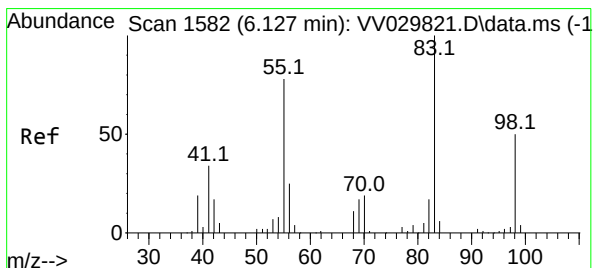
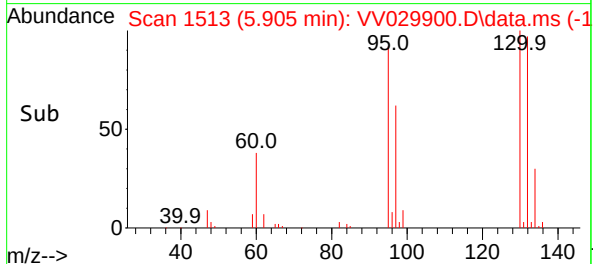
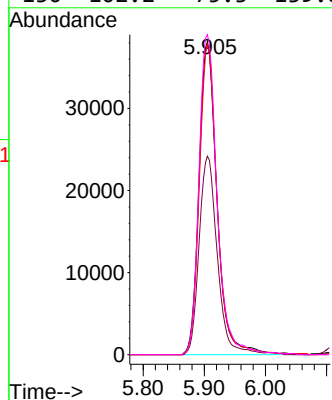
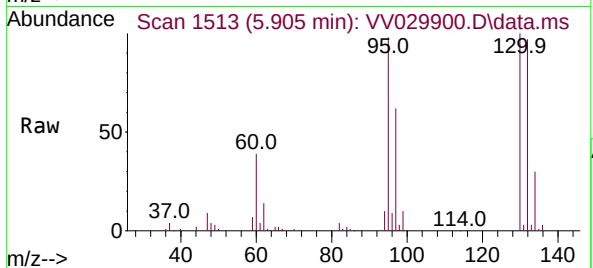
Ion Ratio Lower Upper

95 100

97 63.4 44.9 83.3

132 99.1 71.8 133.4

130 102.2 75.3 139.8



#35

Methylcyclohexane

Concen: 4.956 ug/L

RT: 6.121 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VV029900.D

Acq: 23 Jan 2023 13:16

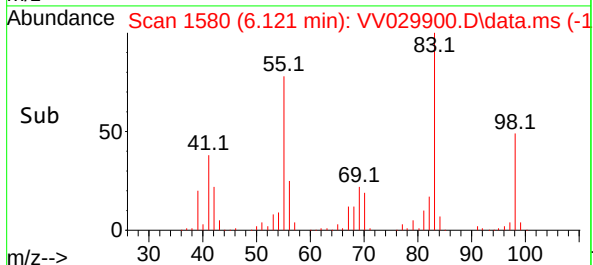
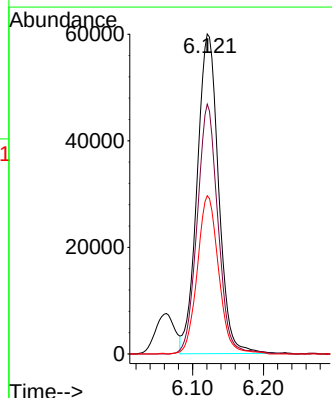
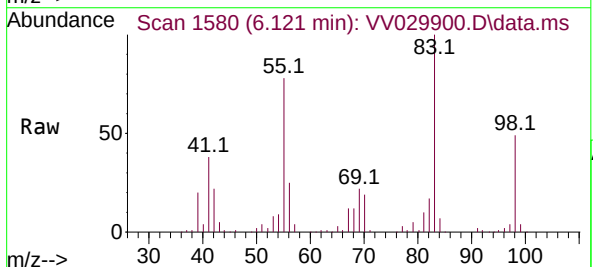
Tgt Ion: 83 Resp: 126195

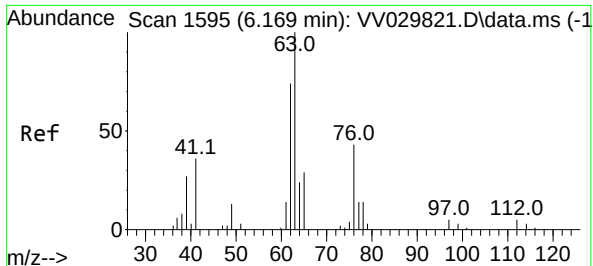
Ion Ratio Lower Upper

83 100

55 75.6 57.3 85.9

98 49.2 39.0 58.6





#37

1,2-Dichloropropane

Concen: 5.596 ug/L

RT: 6.162 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VV029900.D

Acq: 23 Jan 2023 13:16

Instrument :

MSVOA_V

ClientSampleId :

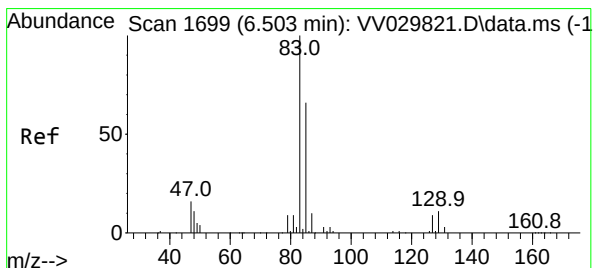
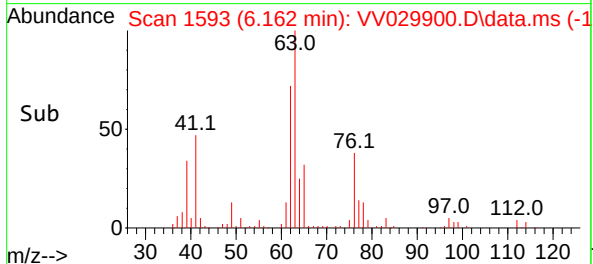
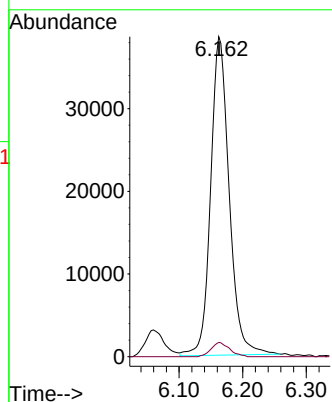
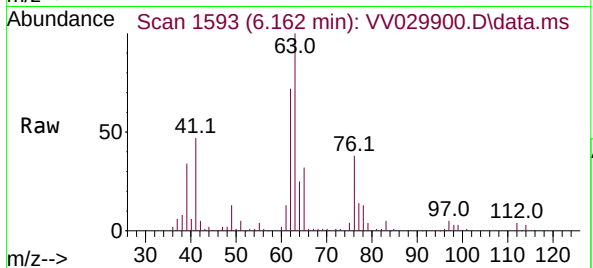
VSTD005388

Tgt Ion: 63 Resp: 77983

Ion Ratio Lower Upper

63 100

112 4.5 3.9 5.9



#38

Bromodichloromethane

Concen: 5.379 ug/L

RT: 6.500 min Scan# 1698

Delta R.T. -0.000 min

Lab File: VV029900.D

Acq: 23 Jan 2023 13:16

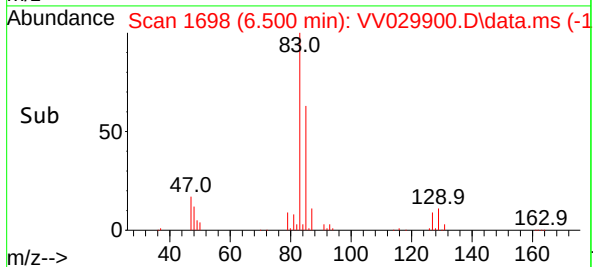
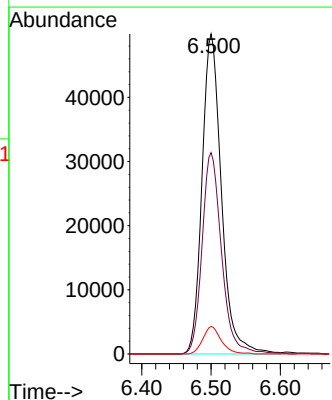
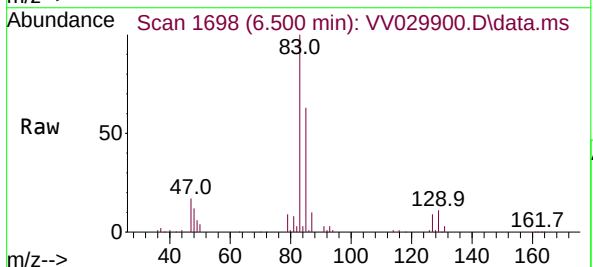
Tgt Ion: 83 Resp: 96963

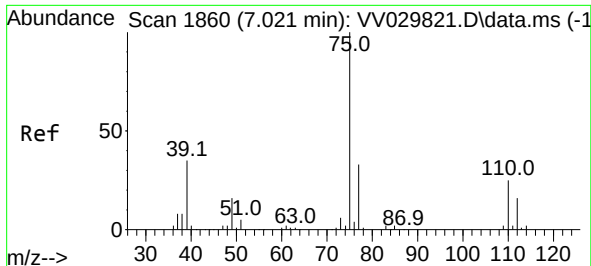
Ion Ratio Lower Upper

83 100

85 62.9 43.2 80.2

127 8.6 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.203 ug/L

RT: 7.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV029900.D

Acq: 23 Jan 2023 13:16

Instrument :

MSVOA_V

ClientSampleId :

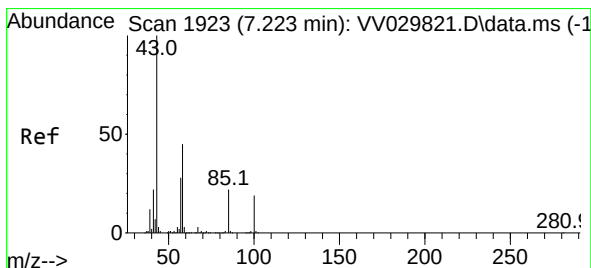
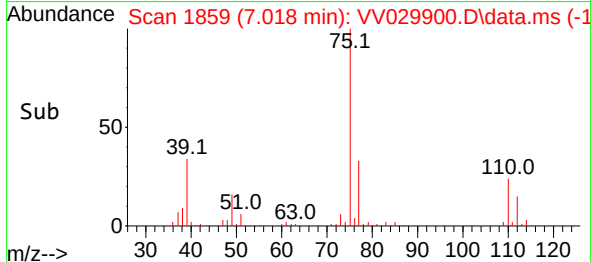
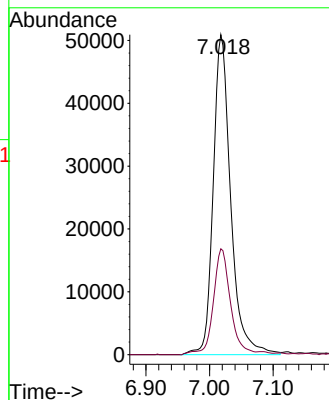
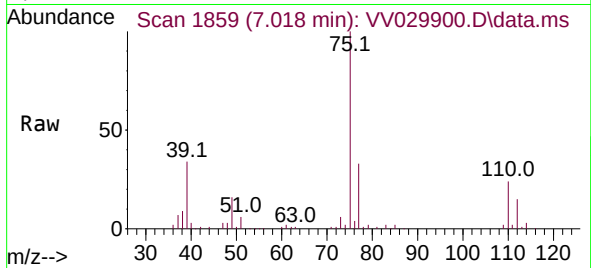
VSTD005388

Tgt Ion: 75 Resp: 97239

Ion Ratio Lower Upper

75 100

77 33.1 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 59.847 ug/L

RT: 7.220 min Scan# 1922

Delta R.T. -0.003 min

Lab File: VV029900.D

Acq: 23 Jan 2023 13:16

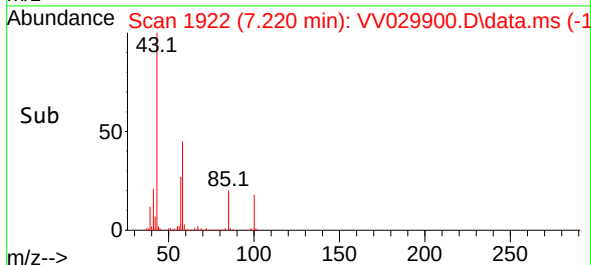
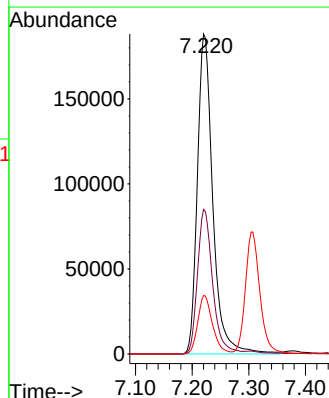
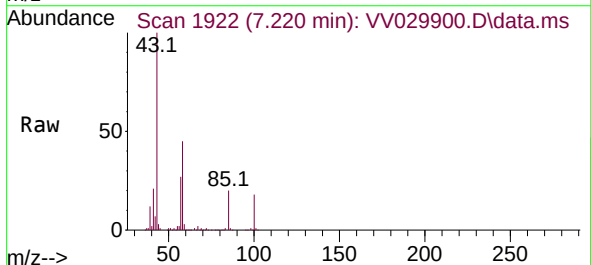
Tgt Ion: 43 Resp: 355931

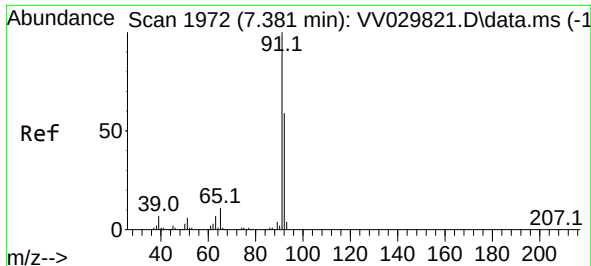
Ion Ratio Lower Upper

43 100

58 44.2 36.7 55.1

100 17.4 15.6 23.4





#42

Toluene

Concen: 5.427 ug/L

RT: 7.378 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VV029900.D

Acq: 23 Jan 2023 13:16

Instrument :

MSVOA_V

ClientSampleId :

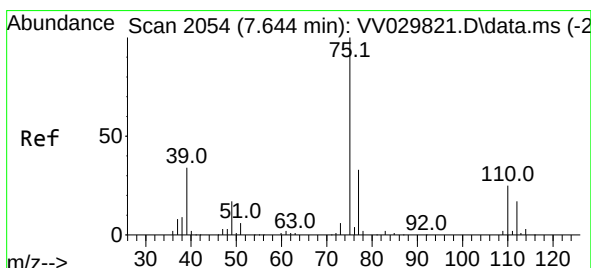
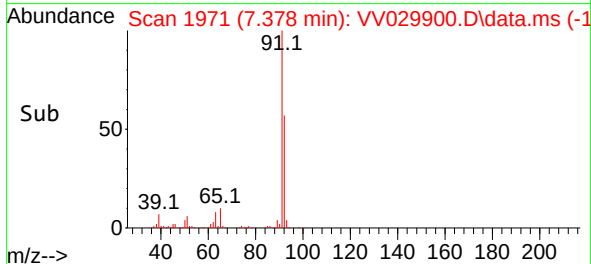
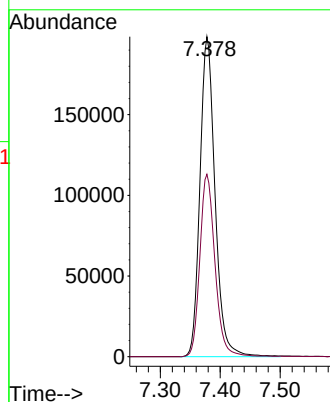
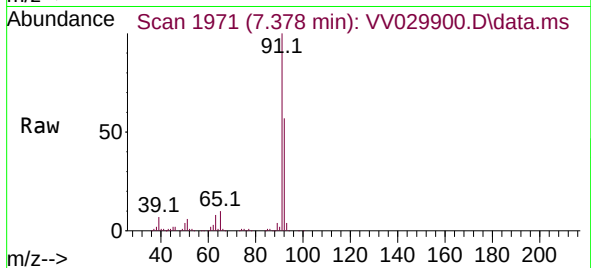
VSTD005388

Tgt Ion: 91 Resp: 348320

Ion Ratio Lower Upper

91 100

92 57.0 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.201 ug/L

RT: 7.641 min Scan# 2053

Delta R.T. 0.000 min

Lab File: VV029900.D

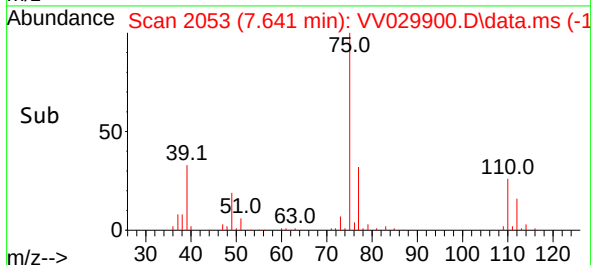
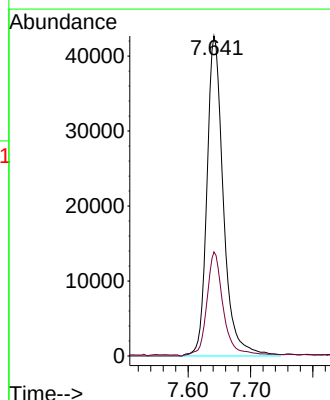
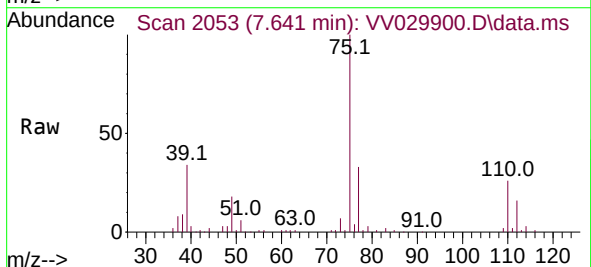
Acq: 23 Jan 2023 13:16

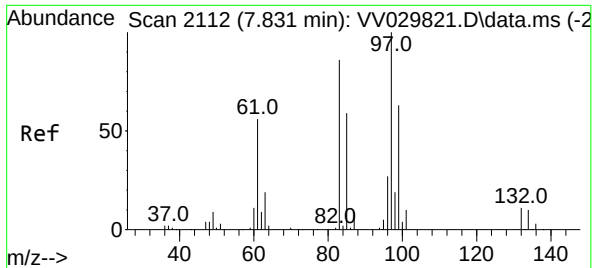
Tgt Ion: 75 Resp: 78323

Ion Ratio Lower Upper

75 100

77 32.5 21.9 40.7



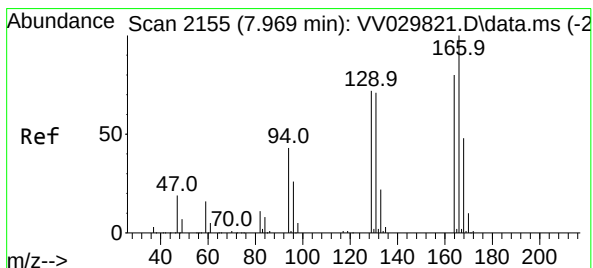
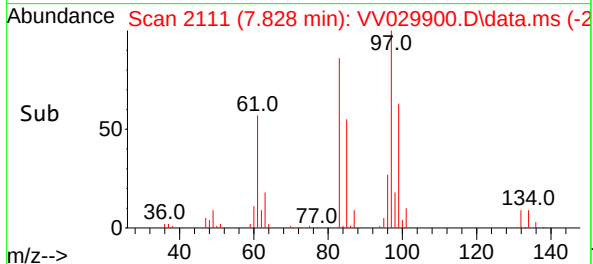
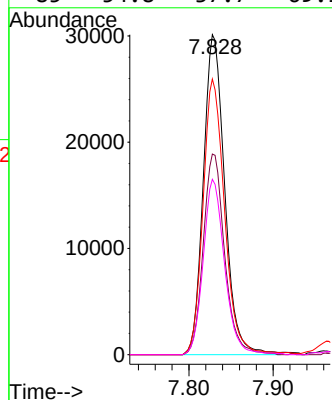
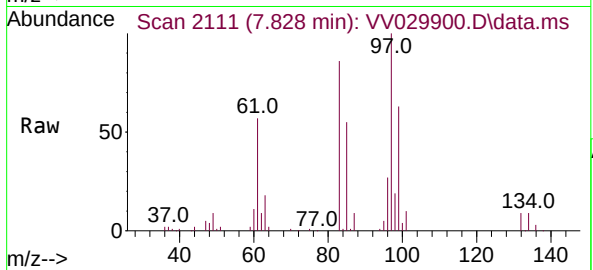


#45
1,1,2-Trichloroethane
Concen: 5.290 ug/L
RT: 7.828 min Scan# 2111
Delta R.T. -0.003 min
Lab File: VV029900.D
Acq: 23 Jan 2023 13:16

Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

Tgt Ion: 97 Resp: 53114

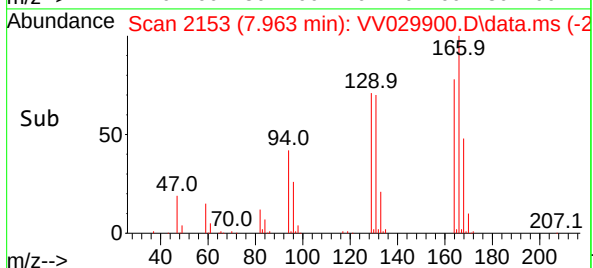
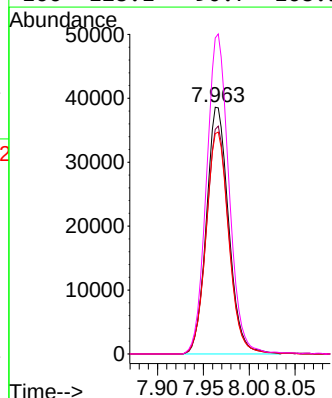
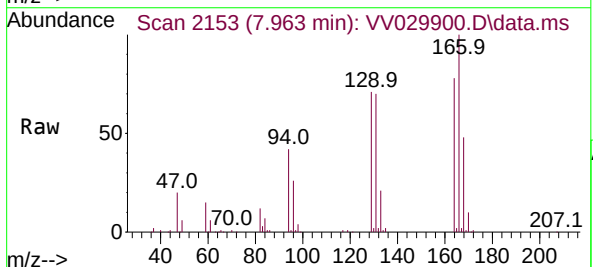
Ion	Ratio	Lower	Upper
97	100		
99	62.7	41.9	77.7
83	86.1	58.7	109.1
85	54.8	37.7	69.9

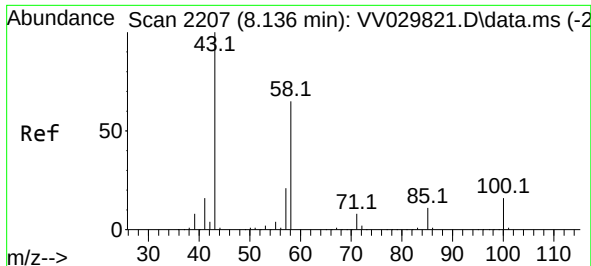


#47
Tetrachloroethene
Concen: 5.153 ug/L
RT: 7.963 min Scan# 2153
Delta R.T. -0.003 min
Lab File: VV029900.D
Acq: 23 Jan 2023 13:16

Tgt Ion: 164 Resp: 65434

Ion	Ratio	Lower	Upper
164	100		
129	91.1	64.5	119.7
131	89.3	62.9	116.7
166	128.1	90.7	168.5



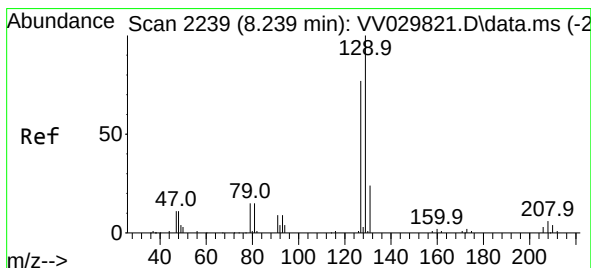
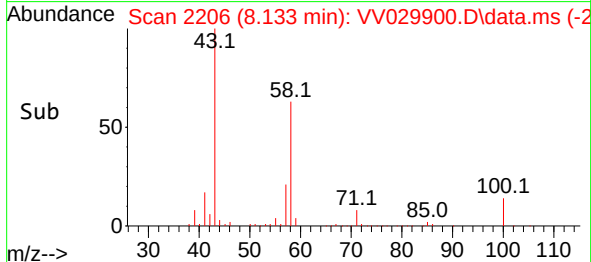
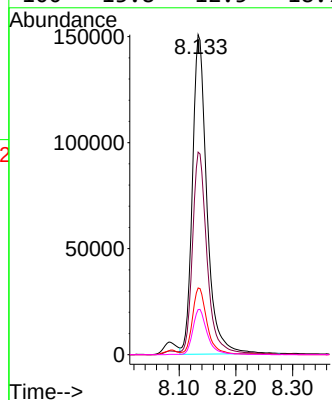
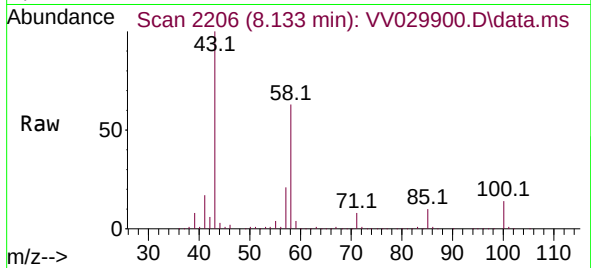


#48
2-Hexanone
Concen: 62.956 ug/L
RT: 8.133 min Scan# 21
Delta R.T. -0.004 min
Lab File: VV029900.D
Acq: 23 Jan 2023 13:16

Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

Tgt Ion: 43 Resp: 267622

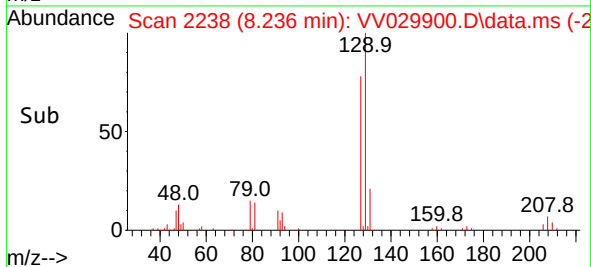
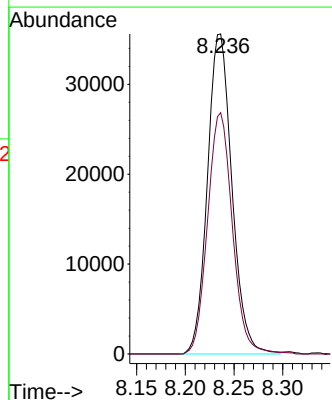
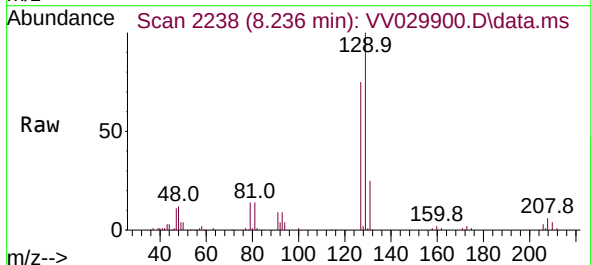
Ion	Ratio	Lower	Upper
43	100		
58	62.7	51.4	77.2
57	20.7	17.0	25.6
100	13.8	12.5	18.7

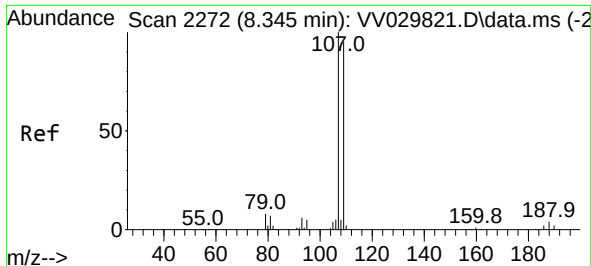


#49
Dibromochloromethane
Concen: 5.291 ug/L
RT: 8.236 min Scan# 2238
Delta R.T. 0.000 min
Lab File: VV029900.D
Acq: 23 Jan 2023 13:16

Tgt Ion: 129 Resp: 62344

Ion	Ratio	Lower	Upper
129	100		
127	75.4	54.1	100.5





#50

1,2-Dibromoethane

Concen: 5.490 ug/L

RT: 8.342 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV029900.D

Acq: 23 Jan 2023 13:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD005388

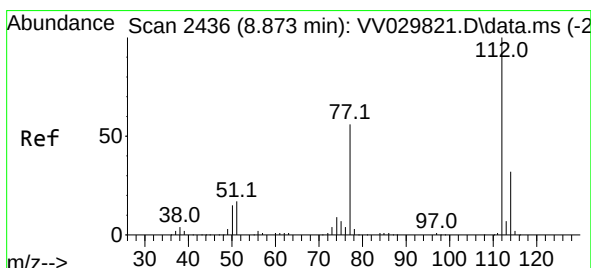
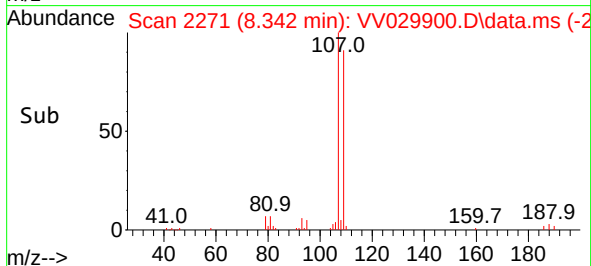
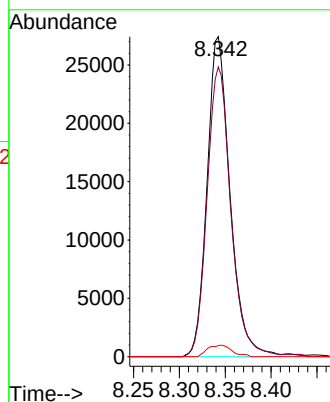
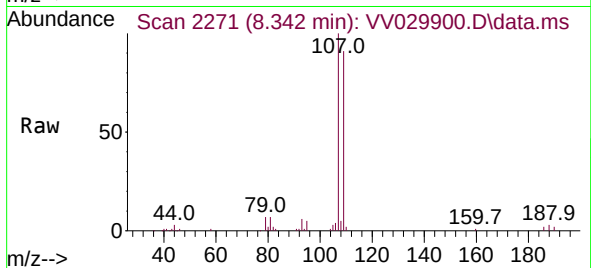
Tgt Ion:107 Resp: 47851

Ion Ratio Lower Upper

107 100

109 90.5 66.1 122.7

188 3.4 2.9 4.3



#51

Chlorobenzene

Concen: 5.304 ug/L

RT: 8.870 min Scan# 2435

Delta R.T. -0.003 min

Lab File: VV029900.D

Acq: 23 Jan 2023 13:16

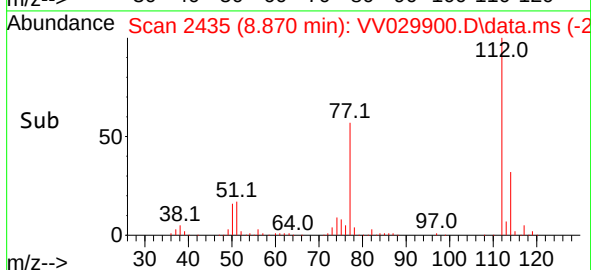
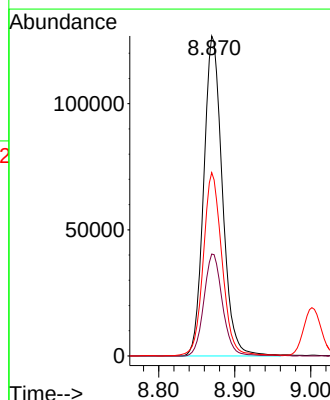
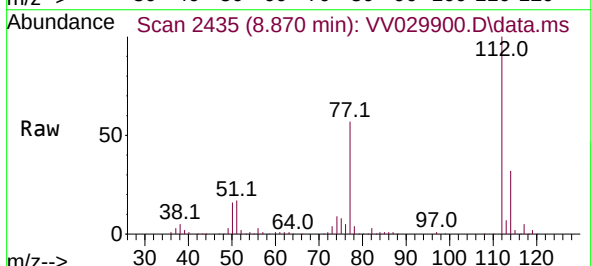
Tgt Ion:112 Resp: 216139

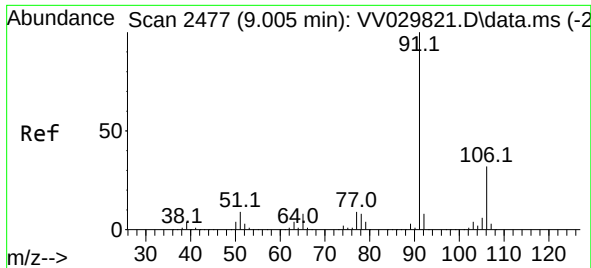
Ion Ratio Lower Upper

112 100

114 31.8 22.5 41.9

77 57.3 46.1 69.1

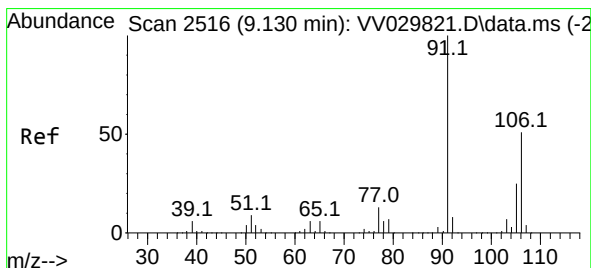
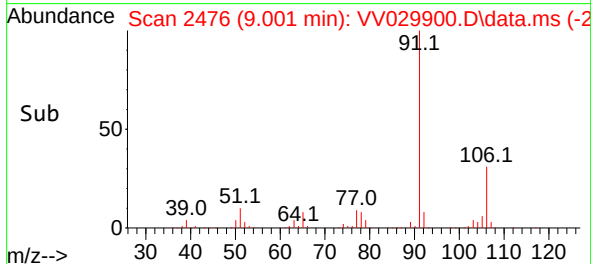
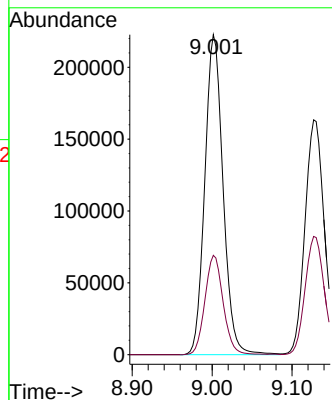
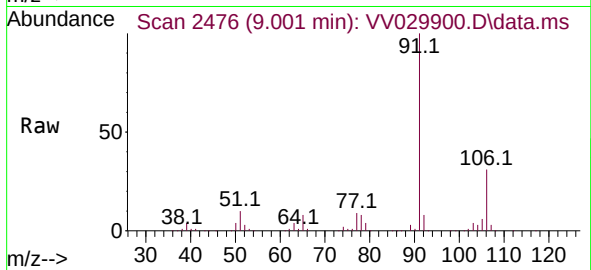




#52
Ethylbenzene
Concen: 5.267 ug/L
RT: 9.001 min Scan# 2477
Delta R.T. -0.001 min
Lab File: VV029900.D
Acq: 23 Jan 2023 13:16

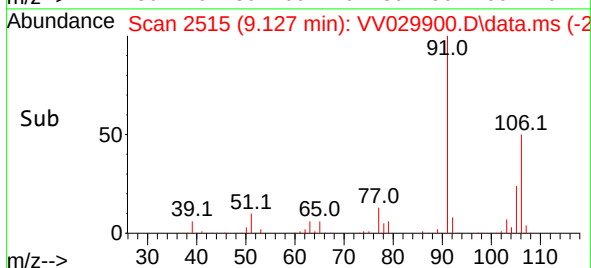
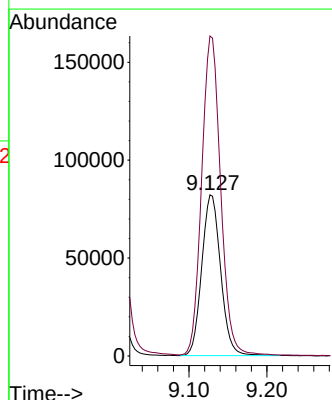
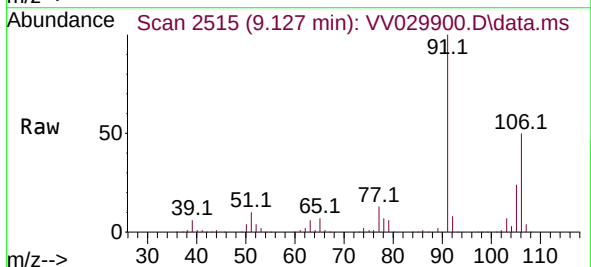
Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

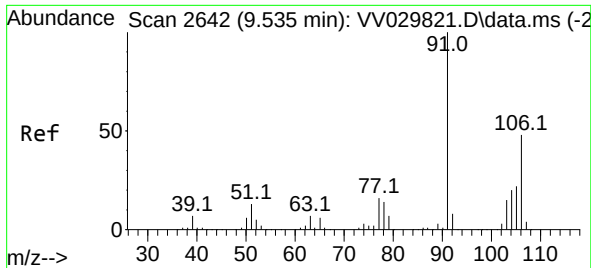
Tgt Ion: 91 Resp: 353797
Ion Ratio Lower Upper
91 100
106 31.0 21.9 40.7



#53
m,p-Xylene
Concen: 5.200 ug/L
RT: 9.127 min Scan# 2515
Delta R.T. -0.003 min
Lab File: VV029900.D
Acq: 23 Jan 2023 13:16

Tgt Ion:106 Resp: 138267
Ion Ratio Lower Upper
106 100
91 198.6 138.7 257.7

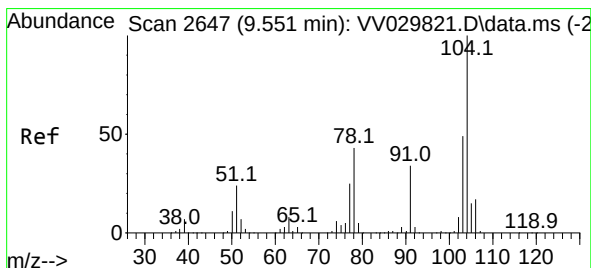
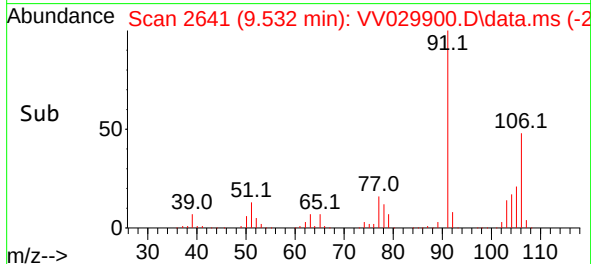
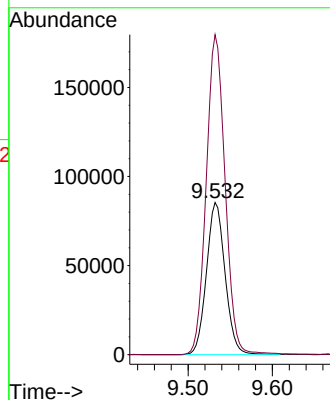
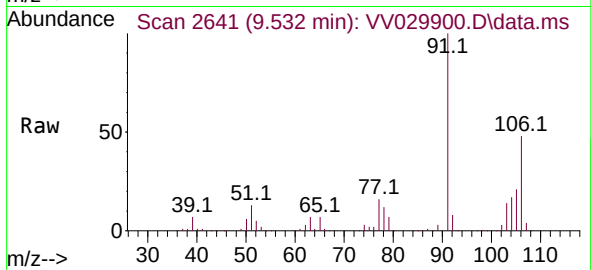




#54
o-Xylene
Concen: 5.220 ug/L
RT: 9.532 min Scan# 2642
Delta R.T. 0.000 min
Lab File: VV029900.D
Acq: 23 Jan 2023 13:16

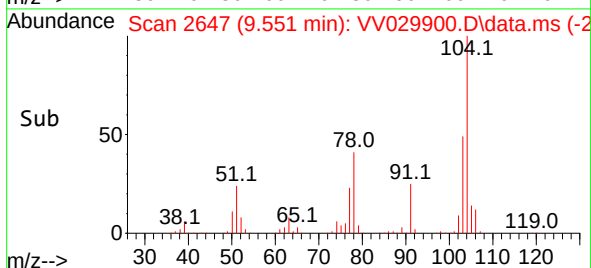
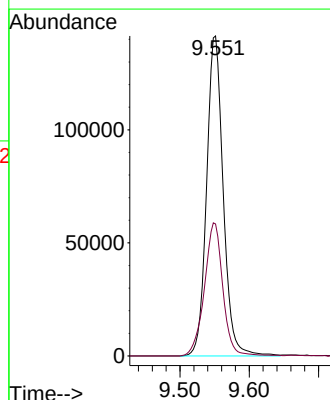
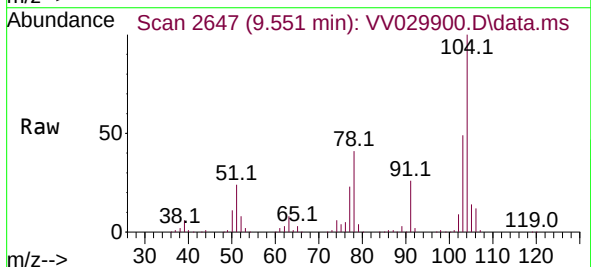
Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

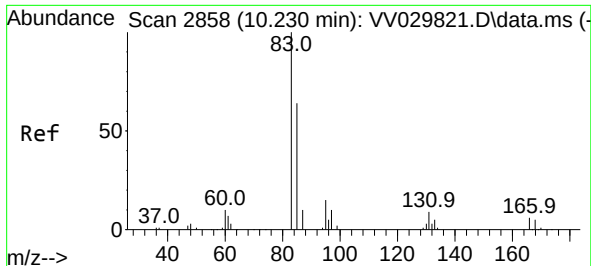
Tgt Ion:106 Resp: 131724
Ion Ratio Lower Upper
106 100
91 210.3 147.7 274.3



#55
Styrene
Concen: 5.433 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. 0.000 min
Lab File: VV029900.D
Acq: 23 Jan 2023 13:16

Tgt Ion:104 Resp: 235786
Ion Ratio Lower Upper
104 100
78 41.2 28.6 53.2





#57

1,1,2,2-Tetrachloroethane

Concen: 5.905 ug/L

RT: 10.230 min Scan# 2699

Delta R.T. -0.000 min

Lab File: VV029900.D

Acq: 23 Jan 2023 13:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD005388

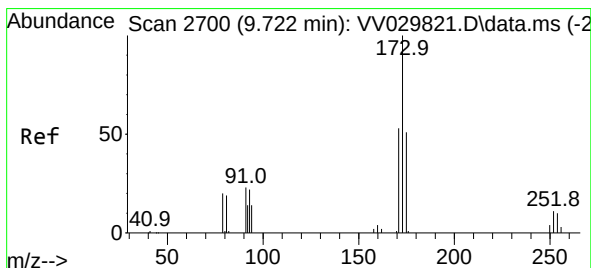
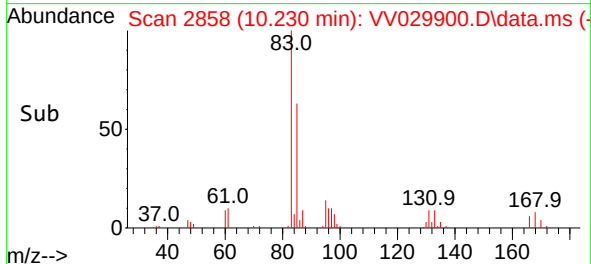
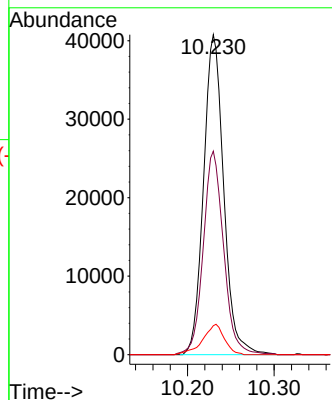
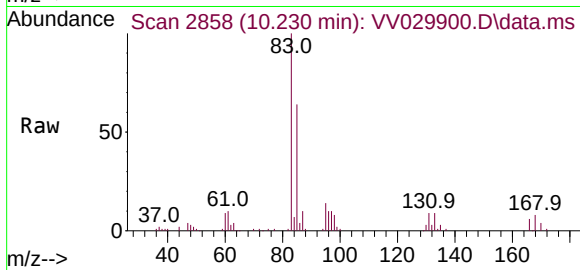
Tgt Ion: 83 Resp: 65868

Ion Ratio Lower Upper

83 100

85 63.6 46.0 85.4

131 9.0 8.4 12.6



#59

Bromoform

Concen: 4.751 ug/L

RT: 9.719 min Scan# 2699

Delta R.T. -0.000 min

Lab File: VV029900.D

Acq: 23 Jan 2023 13:16

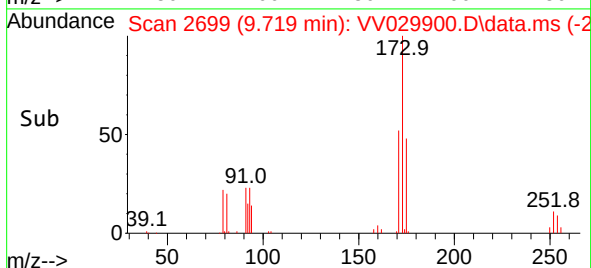
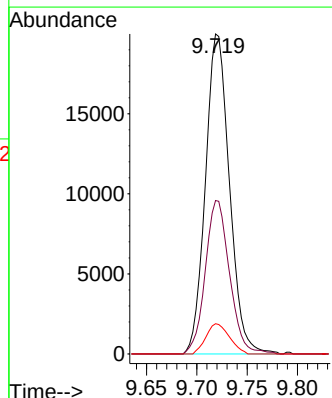
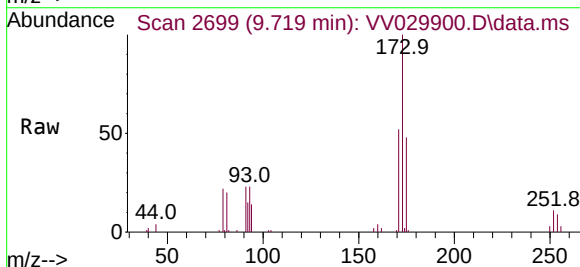
Tgt Ion: 173 Resp: 33187

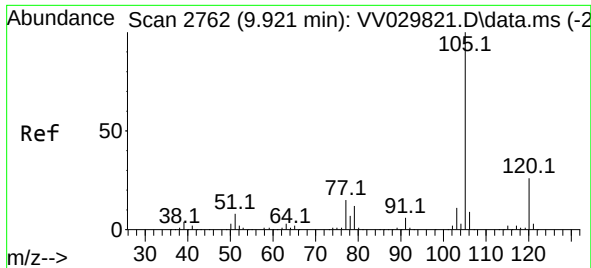
Ion Ratio Lower Upper

173 100

175 48.4 38.6 57.8

254 9.2 7.9 11.9

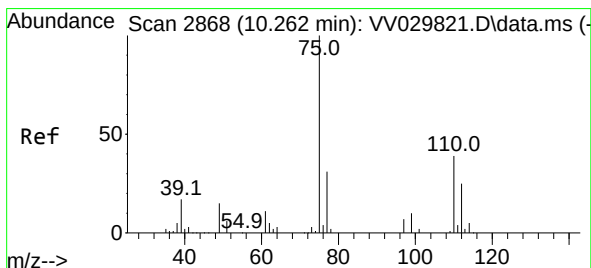
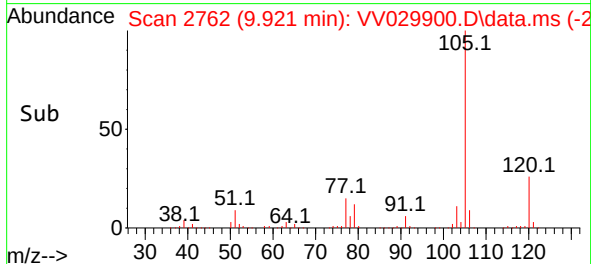
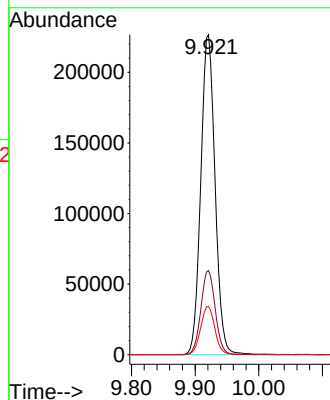
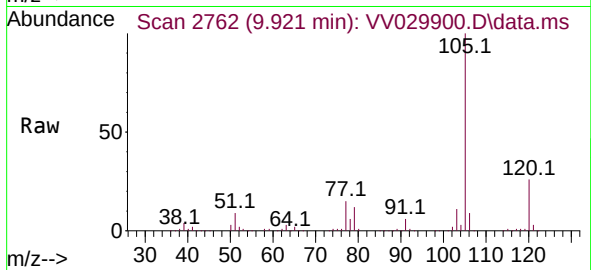




#60
Isopropylbenzene
Concen: 5.130 ug/L
RT: 9.921 min Scan# 2762
Delta R.T. 0.000 min
Lab File: VV029900.D
Acq: 23 Jan 2023 13:16

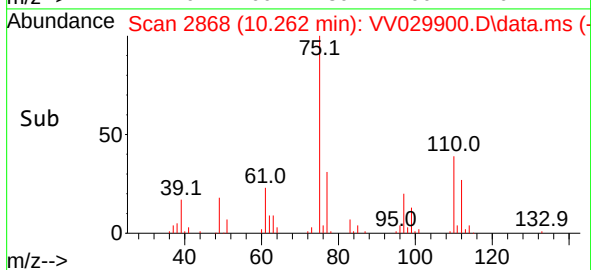
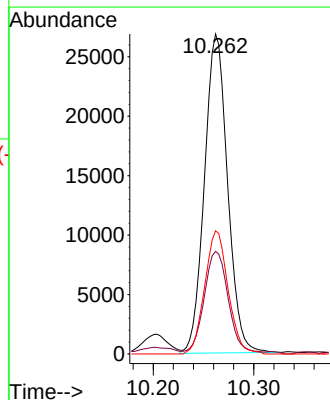
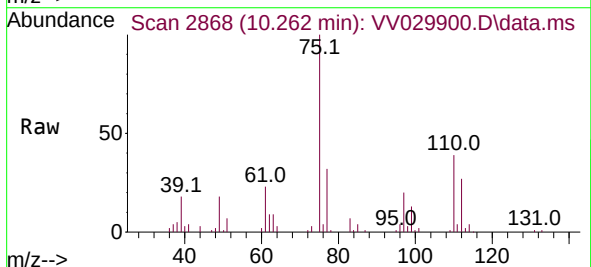
Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

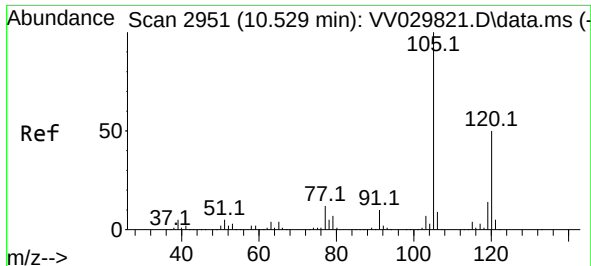
Tgt Ion:105 Resp: 353623
Ion Ratio Lower Upper
105 100
120 26.4 21.2 31.8
77 14.9 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.370 ug/L
RT: 10.262 min Scan# 2868
Delta R.T. -0.000 min
Lab File: VV029900.D
Acq: 23 Jan 2023 13:16

Tgt Ion: 75 Resp: 42884
Ion Ratio Lower Upper
75 100
77 32.0 26.5 39.7
110 39.0 31.8 47.8

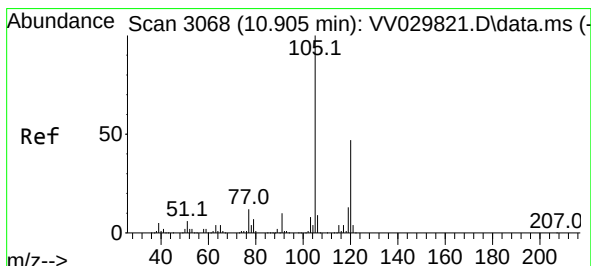
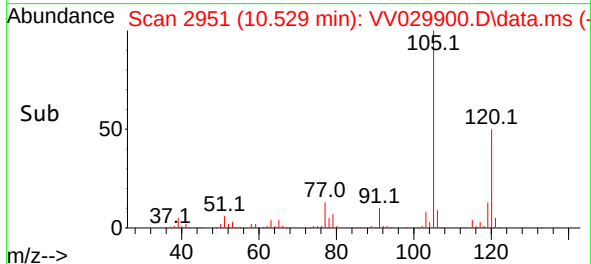
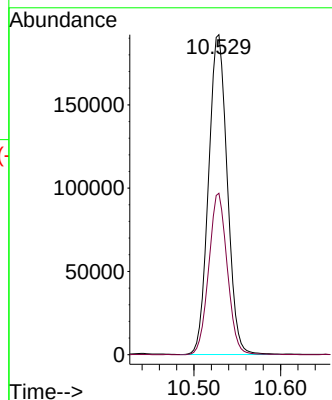
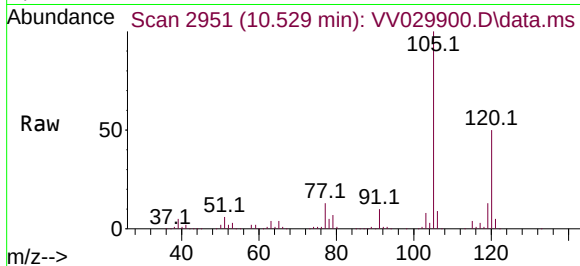




#62
1,3,5-Trimethylbenzene
Concen: 4.880 ug/L
RT: 10.529 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VV029900.D
Acq: 23 Jan 2023 13:16

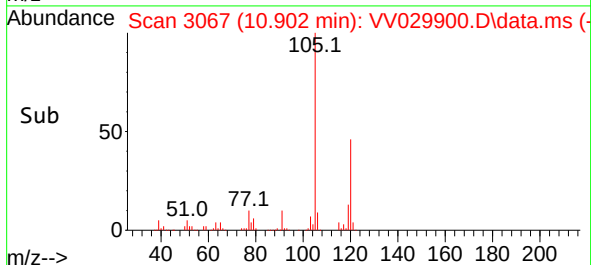
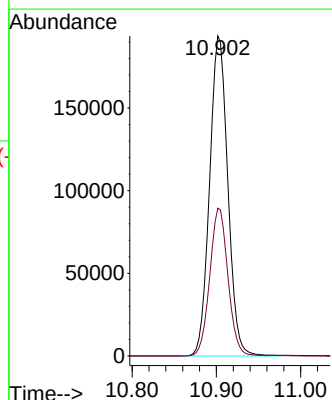
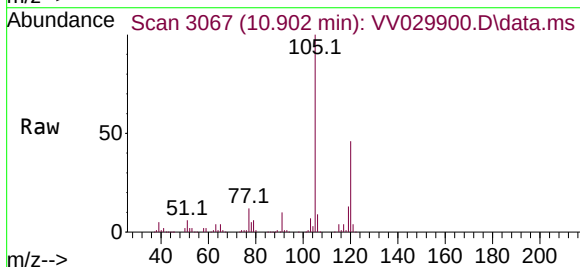
Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

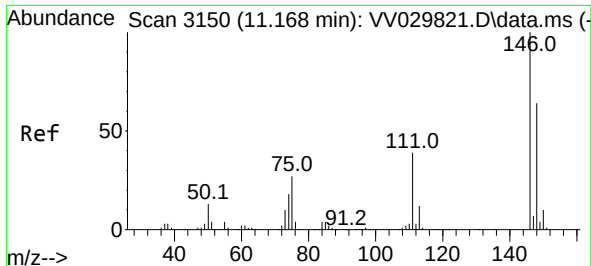
Tgt Ion:105 Resp: 288304
Ion Ratio Lower Upper
105 100
120 49.9 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 4.940 ug/L
RT: 10.902 min Scan# 3067
Delta R.T. -0.000 min
Lab File: VV029900.D
Acq: 23 Jan 2023 13:16

Tgt Ion:105 Resp: 291022
Ion Ratio Lower Upper
105 100
120 46.1 37.4 56.0

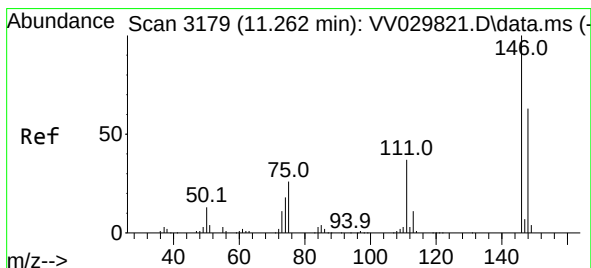
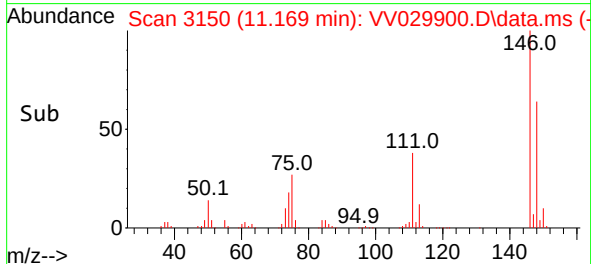
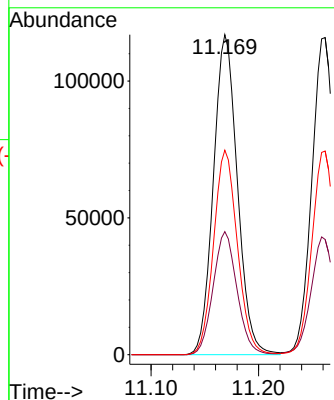
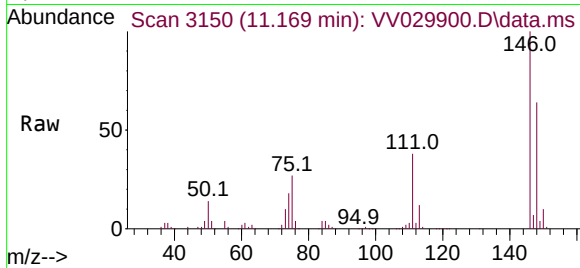




#64
1,3-Dichlorobenzene
Concen: 5.183 ug/L
RT: 11.169 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VV029900.D
Acq: 23 Jan 2023 13:16

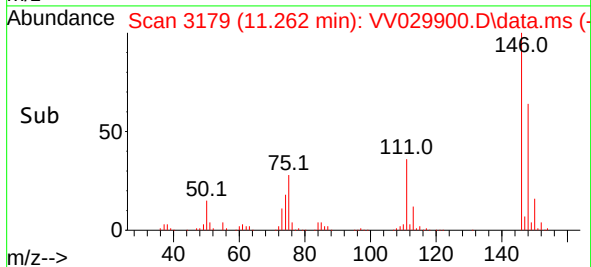
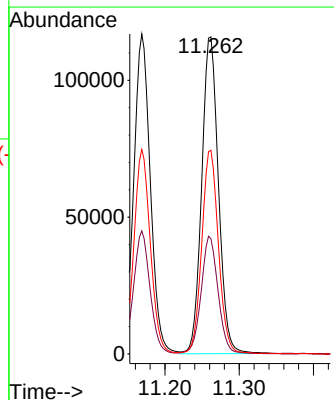
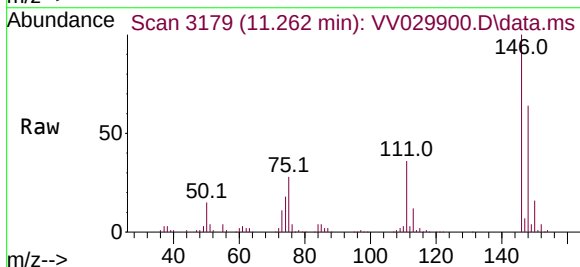
Instrument :
MSVOA_V
ClientSampleId :
VSTD005388

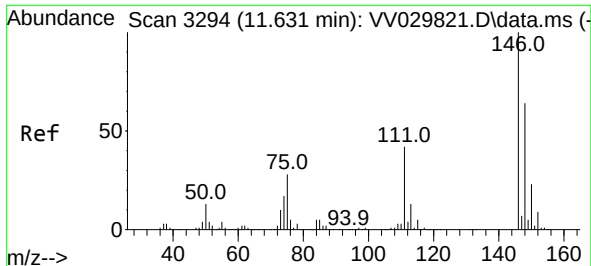
Tgt Ion:146 Resp: 181429
Ion Ratio Lower Upper
146 100
111 38.5 27.2 50.6
148 63.9 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 5.195 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029900.D
Acq: 23 Jan 2023 13:16

Tgt Ion:146 Resp: 181277
Ion Ratio Lower Upper
146 100
111 36.3 26.5 49.1
148 64.2 45.8 85.2





#67

1,2-Dichlorobenzene

Concen: 5.217 ug/L

RT: 11.632 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029900.D

Acq: 23 Jan 2023 13:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD005388

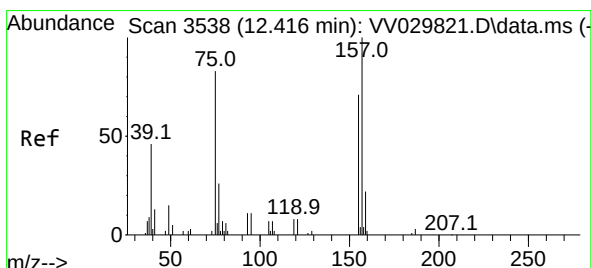
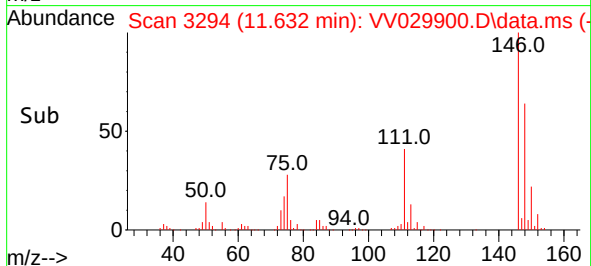
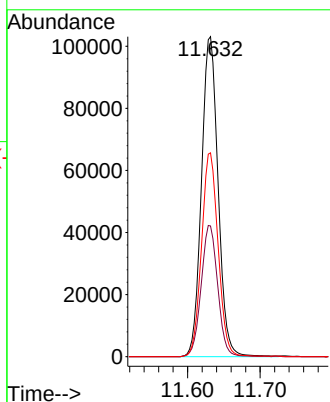
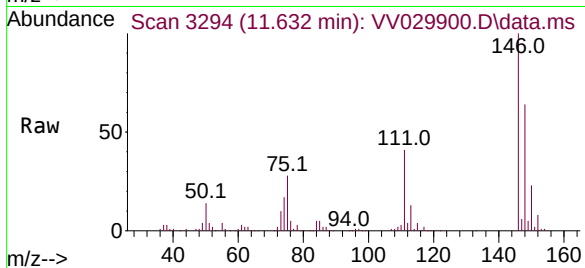
Tgt Ion:146 Resp: 164174

Ion Ratio Lower Upper

146 100

111 40.8 31.8 47.8

148 63.7 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 5.150 ug/L

RT: 12.413 min Scan# 3537

Delta R.T. -0.003 min

Lab File: VV029900.D

Acq: 23 Jan 2023 13:16

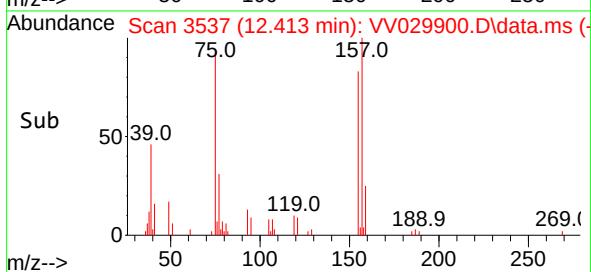
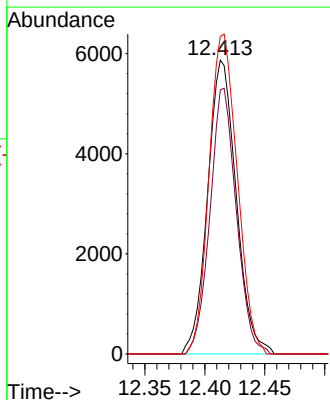
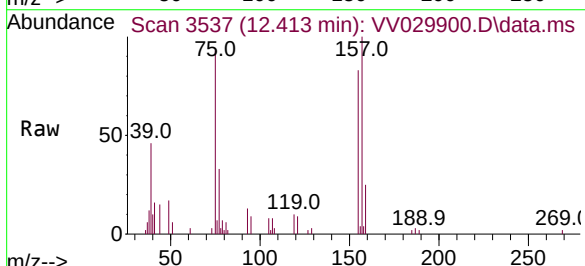
Tgt Ion: 75 Resp: 9725

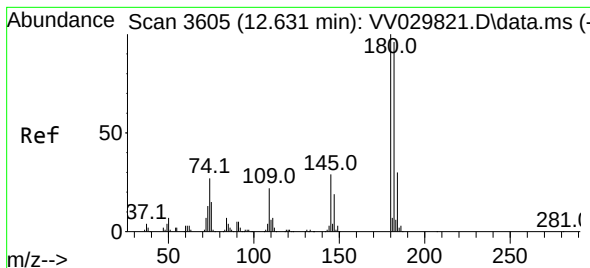
Ion Ratio Lower Upper

75 100

155 89.8 75.5 113.3

157 108.0 99.2 148.8





#69

1,3,5-Trichlorobenzene

Concen: 5.027 ug/L

RT: 12.632 min Scan# 3

Delta R.T. -0.000 min

Lab File: VV029900.D

Acq: 23 Jan 2023 13:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD005388

Tgt Ion:180 Resp: 141651

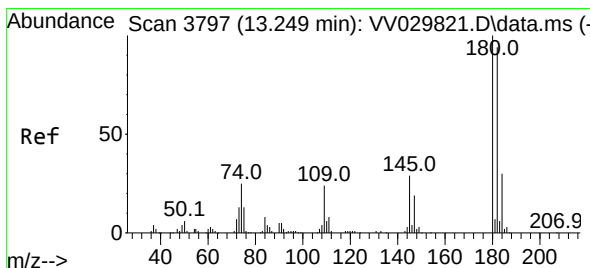
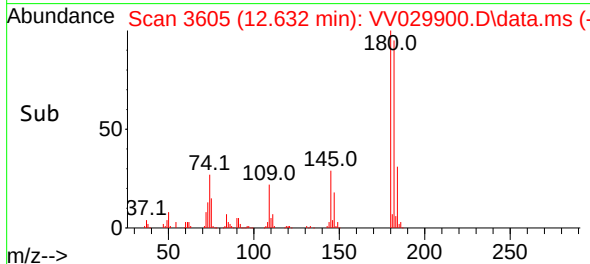
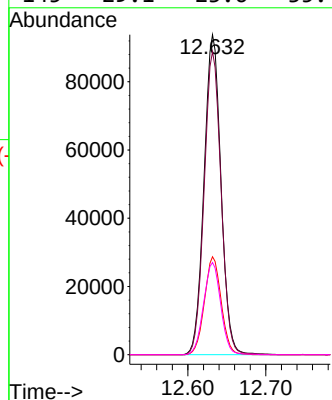
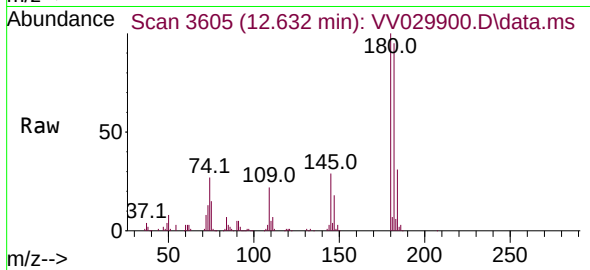
Ion Ratio Lower Upper

180 100

182 94.4 75.4 113.2

184 30.3 23.9 35.9

145 29.1 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 5.063 ug/L

RT: 13.246 min Scan# 3796

Delta R.T. -0.000 min

Lab File: VV029900.D

Acq: 23 Jan 2023 13:16

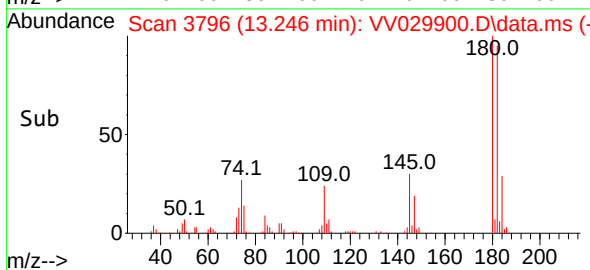
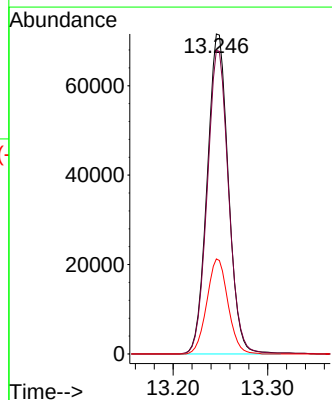
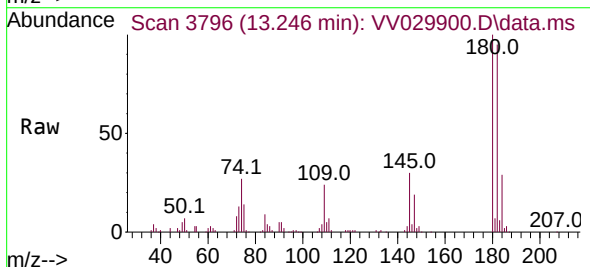
Tgt Ion:180 Resp: 111475

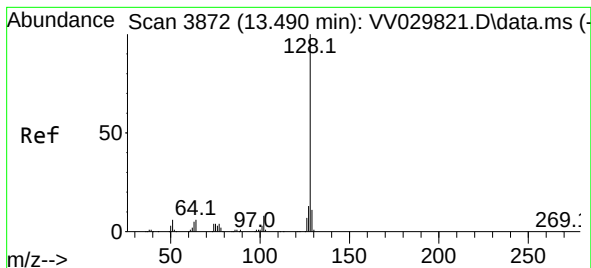
Ion Ratio Lower Upper

180 100

182 96.0 75.8 113.8

145 29.6 23.7 35.5





#71

Naphthalene

Concen: 5.187 ug/L

RT: 13.490 min Scan# 3872

Delta R.T. 0.000 min

Lab File: VV029900.D

Acq: 23 Jan 2023 13:16

Instrument :

MSVOA_V

ClientSampleId :

VSTD005388

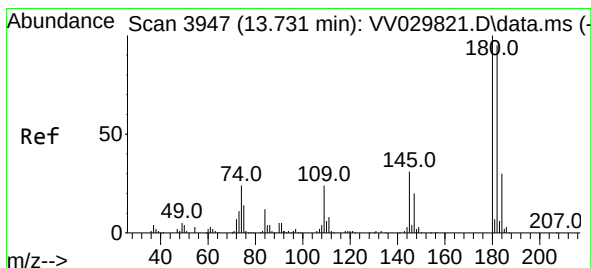
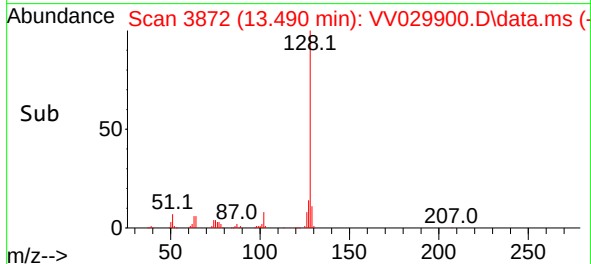
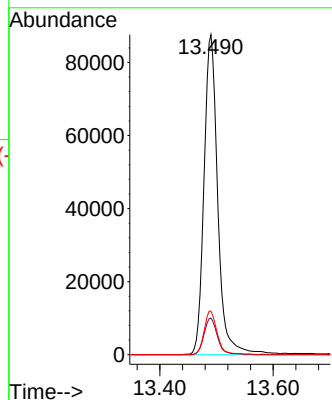
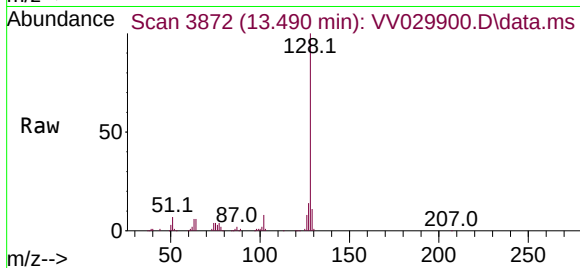
Tgt Ion:128 Resp: 147949

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

127 13.0 10.0 15.0



#72

1,2,3-Trichlorobenzene

Concen: 5.104 ug/L

RT: 13.728 min Scan# 3946

Delta R.T. -0.000 min

Lab File: VV029900.D

Acq: 23 Jan 2023 13:16

Tgt Ion:180 Resp: 93270

Ion Ratio Lower Upper

180 100

182 95.9 75.5 113.3

145 31.0 25.0 37.6

