

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091922\
 Data File : VV027929.D
 Acq On : 19 Sep 2022 16:03
 Operator : SY/MD
 Sample : VSTD0.540
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5240

Quant Time: Sep 20 01:25:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 20 01:24:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	96770	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	96840	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	59352	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	3931	0.590	ug/L	0.00
7) Chloroethane-d5	1.561	69	3712	0.656	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	6781	0.513	ug/L	0.00
20) 2-Butanone-d5	3.931	46	2250	1.635	ug/L	0.05
24) Chloroform-d	4.349	84	5971	0.459	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	2299	0.344	ug/L	0.00
32) Benzene-d6	5.047	84	9800	0.365	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	3455	0.444	ug/L	0.01
41) Toluene-d8	7.317	98	8261	0.365	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.635	79	989	0.368	ug/L	0.02
46) 2-Hexanone-d5	8.095	63	2848	2.692	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	3198	0.598	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	4220	0.438	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	3600	0.395	ug/L	99
3) Chloromethane	1.237	50	5353	0.634	ug/L	97
5) Vinyl chloride	1.307	62	4818	0.563	ug/L	94
6) Bromomethane	1.519	94	3296	0.668	ug/L	96
8) Chloroethane	1.581	64	3234	0.640	ug/L	97
9) Trichlorofluoromethane	1.748	101	7127	0.518	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	4451	0.634	ug/L	97
12) 1,1-Dichloroethene	2.114	96	3845	0.591	ug/L	78
13) Acetone	2.188	43	6884	6.782	ug/L	88
14) Carbon disulfide	2.288	76	7643	0.422	ug/L #	93
15) Methyl Acetate	2.445	43	917	0.351	ug/L #	53
16) Methylene chloride	2.500	84	4105	0.486	ug/L #	85
17) Methyl tert-butyl Ether	2.764	73	5588	0.381	ug/L #	90
18) trans-1,2-Dichloroethene	2.754	96	3338	0.495	ug/L	95
19) 1,1-Dichloroethane	3.182	63	5963	0.470	ug/L	96
21) 2-Butanone	4.005	43	1781	1.248	ug/L	89
22) cis-1,2-Dichloroethene	3.915	96	3373	0.460	ug/L	93
23) Bromochloromethane	4.243	128	603	0.192	ug/L #	79
25) Chloroform	4.362	83	7231	0.523	ug/L	84
27) 1,2-Dichloroethane	5.130	62	2963	0.368	ug/L	95
29) 1,1,1-Trichloroethane	4.596	97	5299	0.385	ug/L #	72
30) Cyclohexane	4.667	56	3464	0.312	ug/L	97
31) Carbon tetrachloride	4.815	117	4719	0.401	ug/L	97
33) Benzene	5.098	78	12535	0.412	ug/L	100
34) Trichloroethene	5.912	95	3227	0.429	ug/L	88
35) Methylcyclohexane	6.124	83	3955	0.347	ug/L #	88
37) 1,2-Dichloropropane	6.178	63	3328	0.458	ug/L #	93
38) Bromodichloromethane	6.510	83	4580	0.477	ug/L #	97
39) cis-1,3-Dichloropropene	7.034	75	3702	0.393	ug/L #	80
40) 4-Methyl-2-pentanone	7.230	43	11234	3.381	ug/L #	89
42) Toluene	7.387	91	11922	0.399	ug/L	96
44) trans-1,3-Dichloropropene	7.654	75	3071	0.390	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091922\
 Data File : VV027929.D
 Acq On : 19 Sep 2022 16:03
 Operator : SY/MD
 Sample : VSTD0.540
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5240

Quant Time: Sep 20 01:25:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 20 01:24:44 2022
 Response via : Initial Calibration

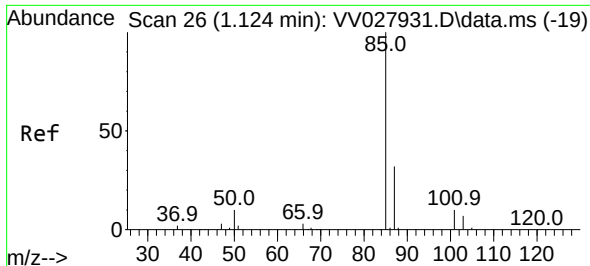
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.838	97	2424	0.497	ug/L	90
47) Tetrachloroethene	7.973	164	2668	0.427	ug/L	89
48) 2-Hexanone	8.143	43	7146	3.007	ug/L	94
49) Dibromochloromethane	8.243	129	2989	0.484	ug/L	90
50) 1,2-Dibromoethane	8.358	107	2268	0.512	ug/L #	92
51) Chlorobenzene	8.879	112	9524	0.484	ug/L	95
52) Ethylbenzene	9.011	91	12108	0.387	ug/L	98
53) m,p-Xylene	9.140	106	4337	0.353	ug/L	99
54) o-Xylene	9.542	106	4872	0.414	ug/L	68
55) Styrene	9.564	104	8006	0.392	ug/L	91
57) 1,1,2,2-Tetrachloroethane	10.239	83	3357	0.600	ug/L	90
59) Bromoform	9.728	173	2020	0.560	ug/L #	96
60) Isopropylbenzene	9.931	105	14176	0.395	ug/L	98
61) 1,2,3-Trichloropropane	10.272	75	2105	0.454	ug/L #	78
62) 1,3,5-Trimethylbenzene	10.535	105	4114	0.409	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	11047	0.382	ug/L	95
64) 1,3-Dichlorobenzene	11.181	146	8309	0.448	ug/L	92
65) 1,4-Dichlorobenzene	11.271	146	9349	0.500	ug/L	91
67) 1,2-Dichlorobenzene	11.641	146	7902	0.467	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.429	75	643	0.639	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.644	180	7071	0.494	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	5109	0.445	ug/L	88
71) Naphthalene	13.506	128	7031	0.385	ug/L #	90
72) 1,2,3-Trichlorobenzene	13.741	180	4815	0.469	ug/L	99

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

Quant Time: Sep 20 01:25:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091922WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Sep 20 01:24:44 2022
Response via : Initial Calibration

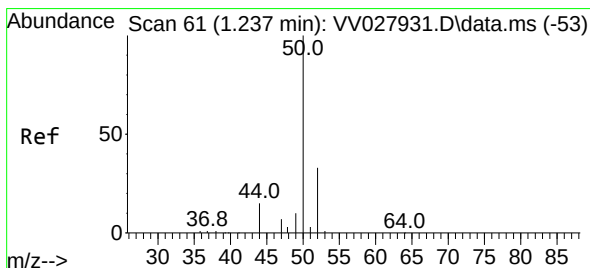
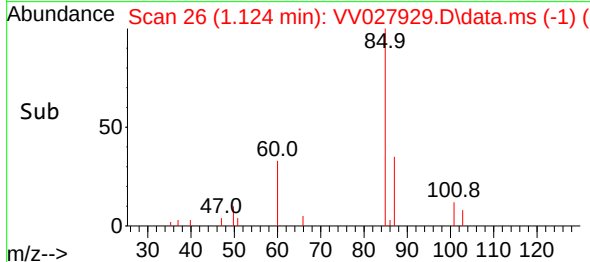
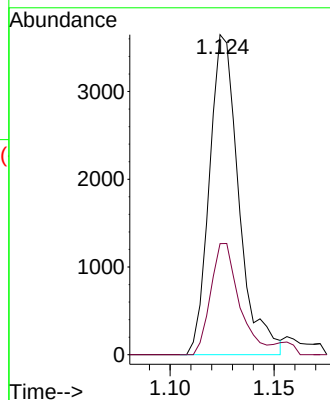
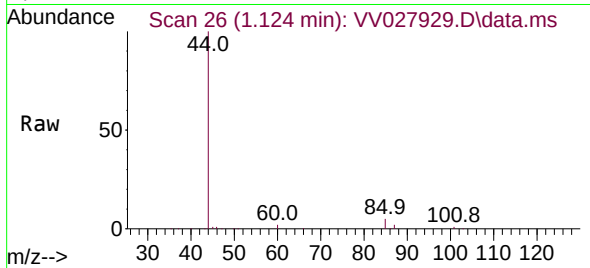




#2
 Dichlorodifluoromethane
 Concen: 0.395 ug/L
 RT: 1.124 min Scan# 26
 Delta R.T. -0.000 min
 Lab File: VV027929.D
 Acq: 19 Sep 2022 16:03

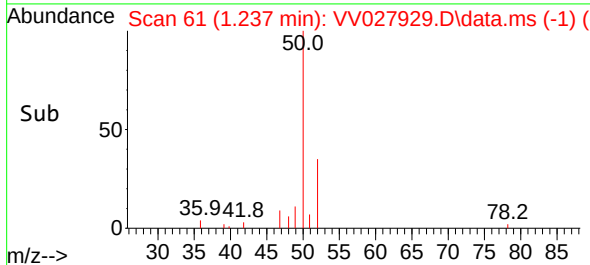
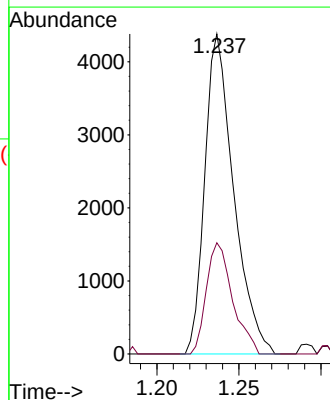
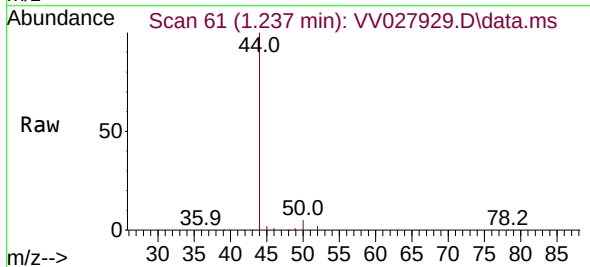
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5240

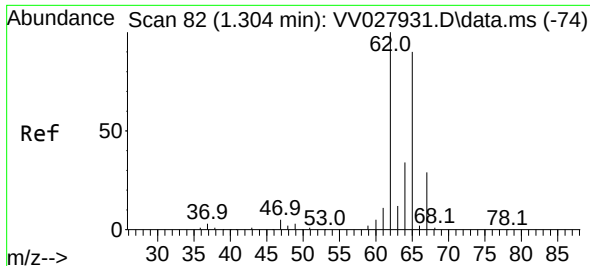
Tgt Ion: 85 Resp: 3600
 Ion Ratio Lower Upper
 85 100
 87 33.6 26.5 39.7



#3
 Chloromethane
 Concen: 0.634 ug/L
 RT: 1.237 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VV027929.D
 Acq: 19 Sep 2022 16:03

Tgt Ion: 50 Resp: 5353
 Ion Ratio Lower Upper
 50 100
 52 34.8 23.0 42.8

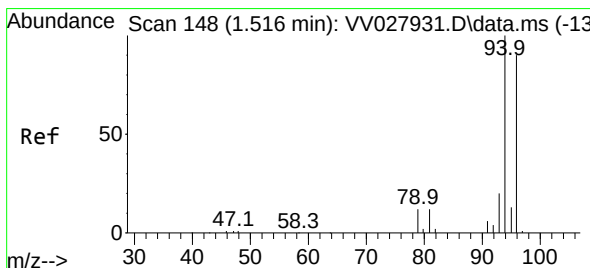
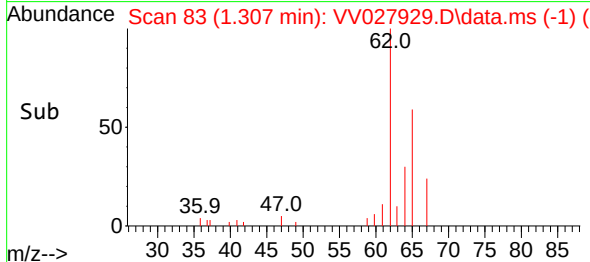
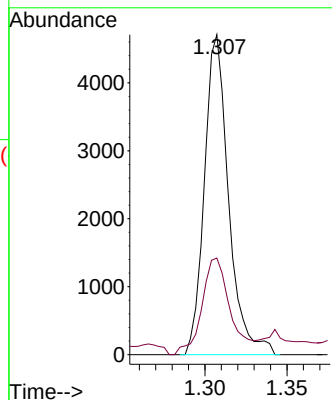
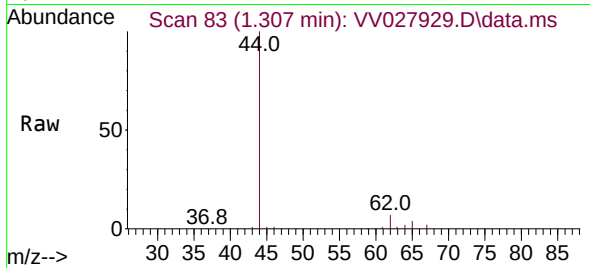




#5
 Vinyl chloride
 Concen: 0.563 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VV027929.D
 Acq: 19 Sep 2022 16:03

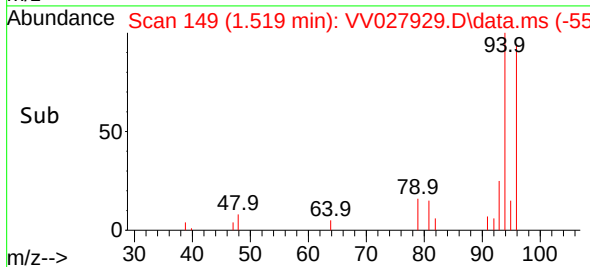
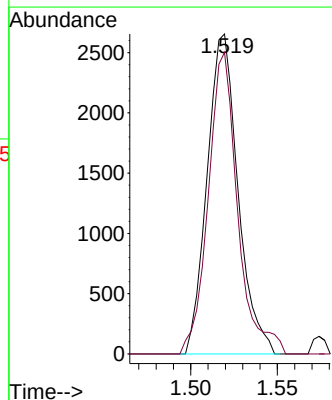
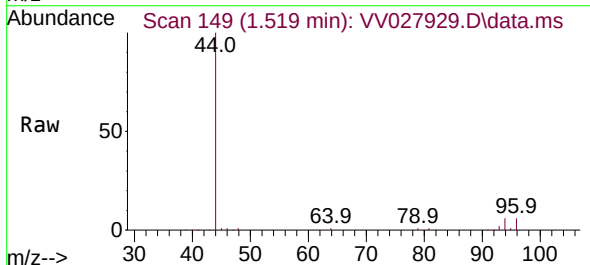
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5240

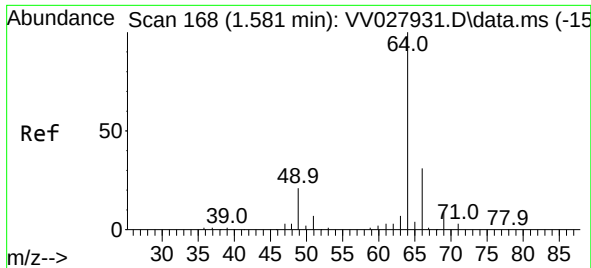
Tgt Ion: 62 Resp: 4818
 Ion Ratio Lower Upper
 62 100
 64 30.2 23.4 43.6



#6
 Bromomethane
 Concen: 0.668 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VV027929.D
 Acq: 19 Sep 2022 16:03

Tgt Ion: 94 Resp: 3296
 Ion Ratio Lower Upper
 94 100
 96 94.3 63.1 117.3

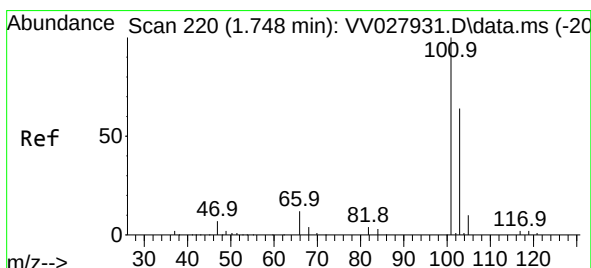
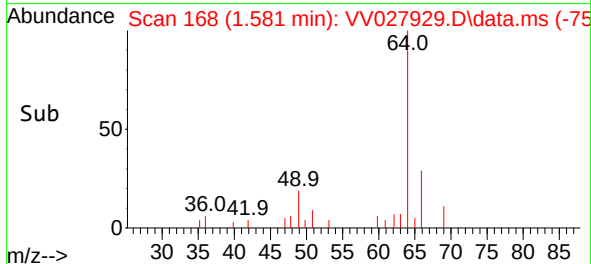
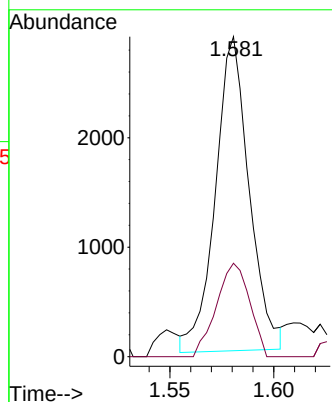
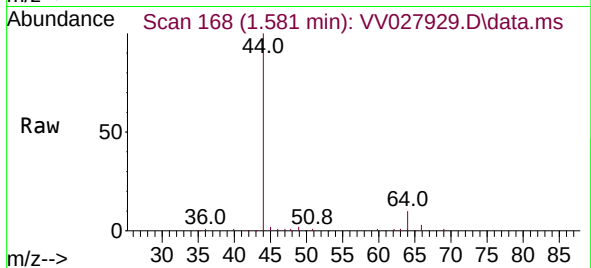




#8
Chloroethane
Concen: 0.640 ug/L
RT: 1.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV027929.D
Acq: 19 Sep 2022 16:03

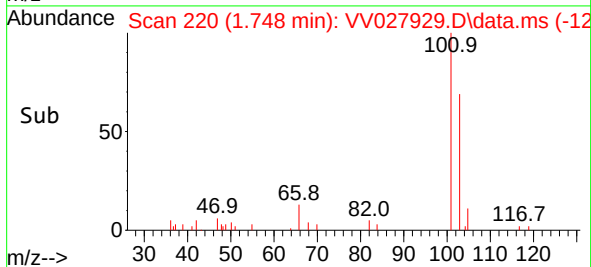
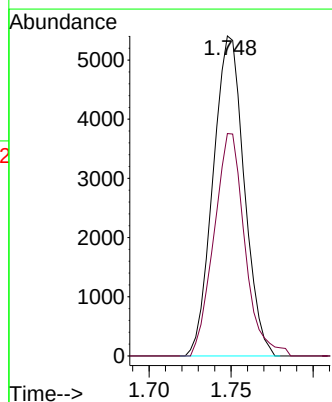
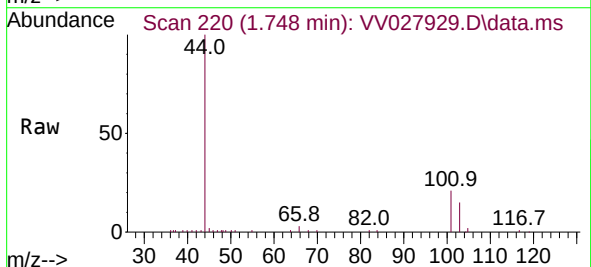
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5240

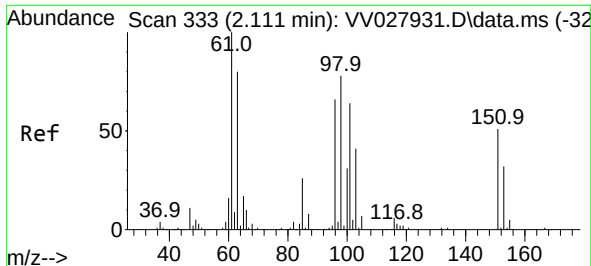
Tgt Ion: 64 Resp: 3234
Ion Ratio Lower Upper
64 100
66 29.2 21.6 40.2



#9
Trichlorofluoromethane
Concen: 0.518 ug/L
RT: 1.748 min Scan# 220
Delta R.T. -0.000 min
Lab File: VV027929.D
Acq: 19 Sep 2022 16:03

Tgt Ion: 101 Resp: 7127
Ion Ratio Lower Upper
101 100
103 68.9 51.7 77.5





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.634 ug/L

RT: 2.108 min Scan# 332

Delta R.T. -0.003 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5240

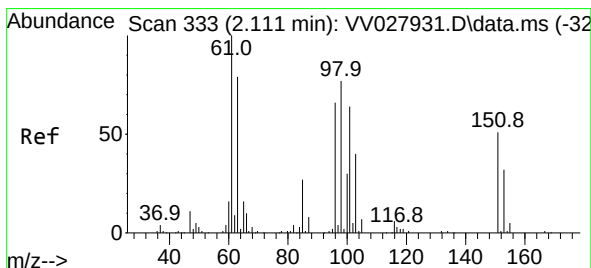
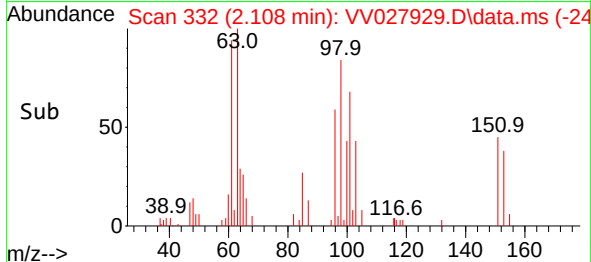
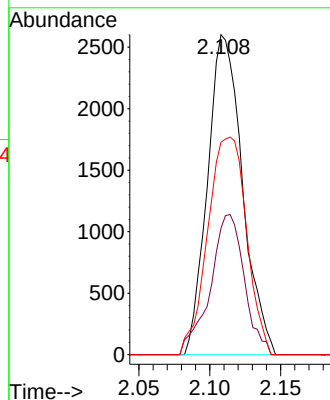
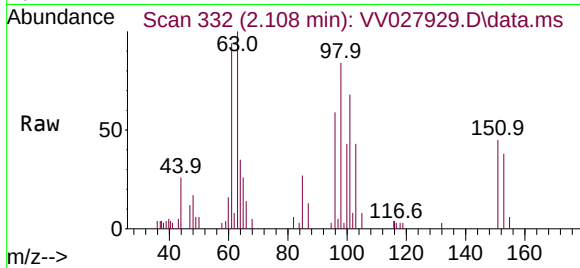
Tgt Ion:101 Resp: 4451

Ion Ratio Lower Upper

101 100

85 42.7 33.6 50.4

151 75.7 62.9 94.3



#12

1,1-Dichloroethene

Concen: 0.591 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.003 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

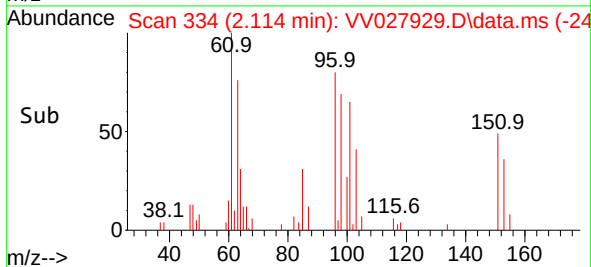
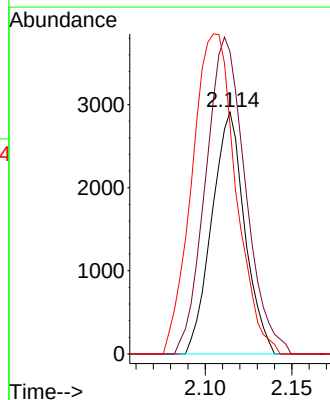
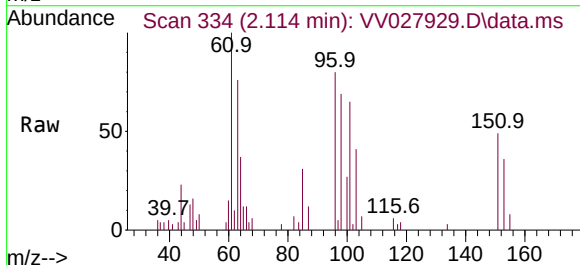
Tgt Ion: 96 Resp: 3845

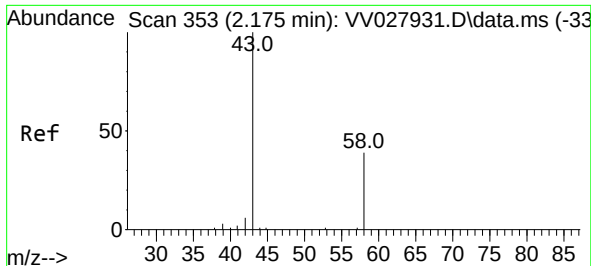
Ion Ratio Lower Upper

96 100

61 125.0 106.2 197.2

63 94.6 85.0 158.0





#13

Acetone

Concen: 6.782 ug/L

RT: 2.188 min Scan# 357

Delta R.T. 0.013 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

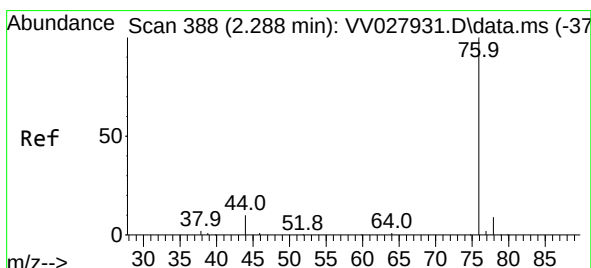
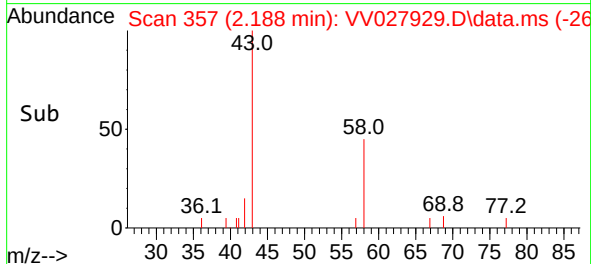
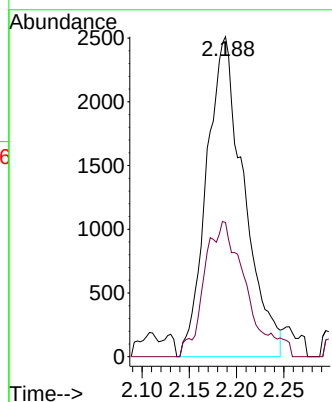
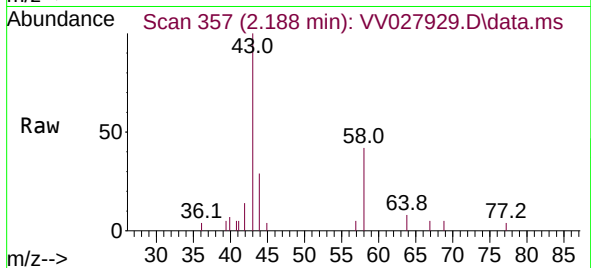
VSTD0.5240

Tgt Ion: 43 Resp: 6884

Ion Ratio Lower Upper

43 100

58 47.2 0.0 79.8



#14

Carbon disulfide

Concen: 0.422 ug/L

RT: 2.288 min Scan# 388

Delta R.T. -0.000 min

Lab File: VV027929.D

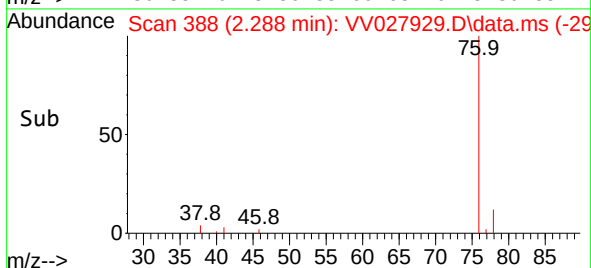
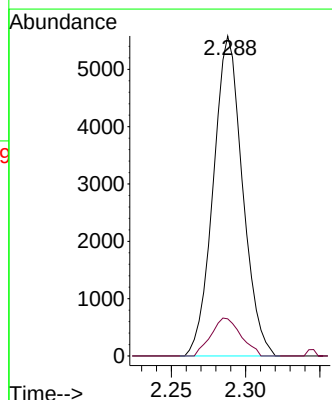
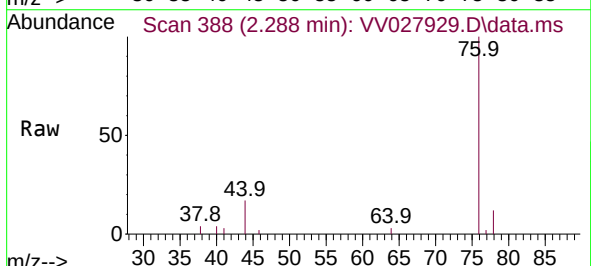
Acq: 19 Sep 2022 16:03

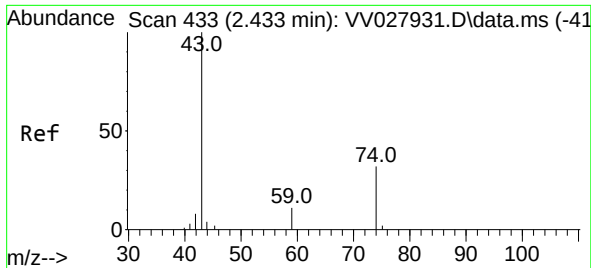
Tgt Ion: 76 Resp: 7643

Ion Ratio Lower Upper

76 100

78 11.6 7.3 10.9#

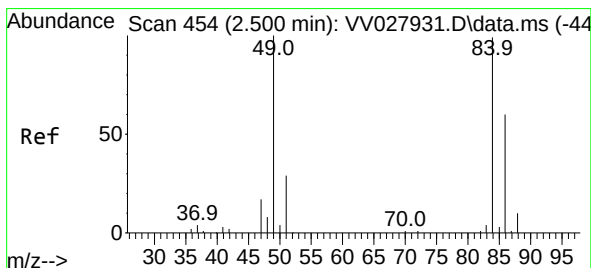
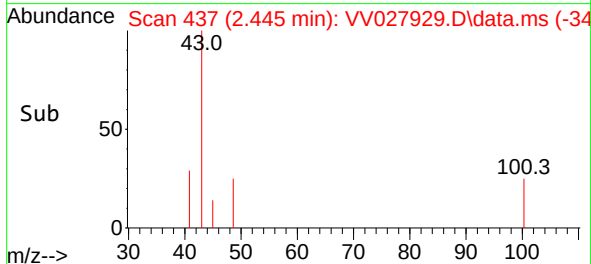
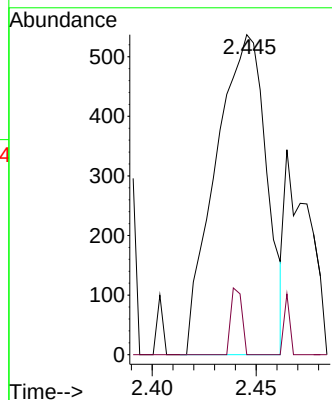
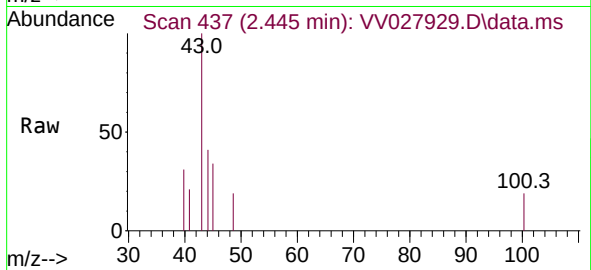




#15
Methyl Acetate
Concen: 0.351 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.013 min
Lab File: VV027929.D
Acq: 19 Sep 2022 16:03

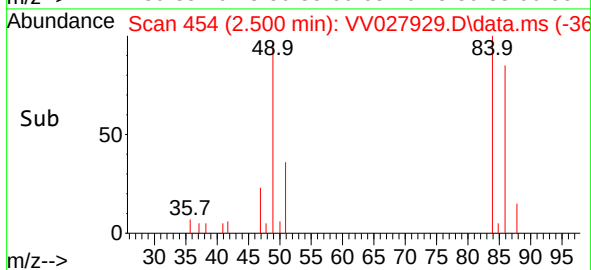
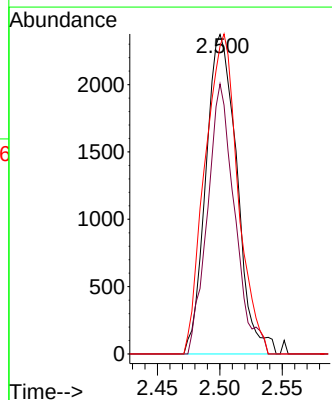
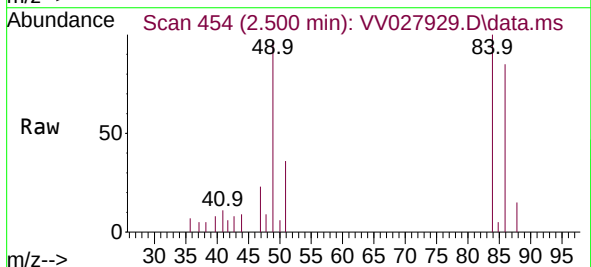
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5240

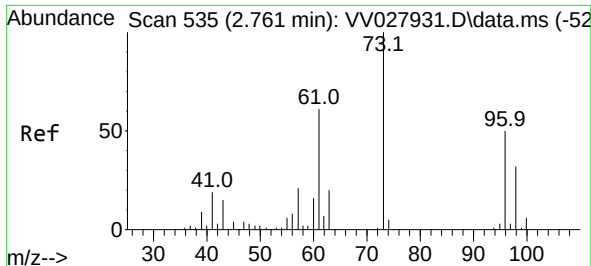
Tgt Ion: 43 Resp: 917
Ion Ratio Lower Upper
43 100
74 4.5 24.2 36.4#



#16
Methylene chloride
Concen: 0.486 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.000 min
Lab File: VV027929.D
Acq: 19 Sep 2022 16:03

Tgt Ion: 84 Resp: 4105
Ion Ratio Lower Upper
84 100
86 84.5 42.4 78.6#
49 96.3 70.7 131.3





#17

Methyl tert-butyl Ether

Concen: 0.381 ug/L

RT: 2.764 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5240

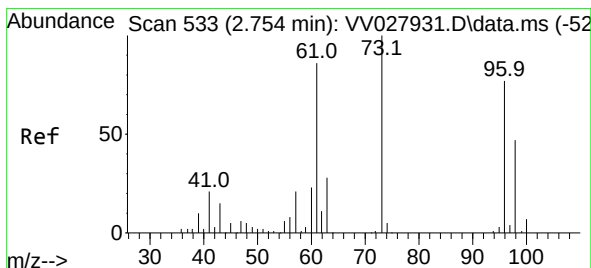
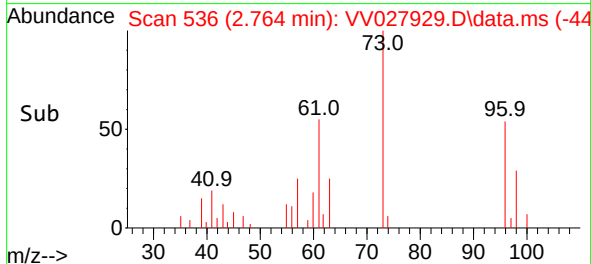
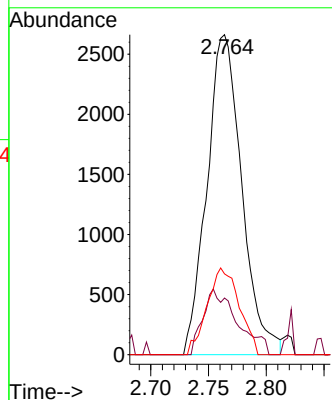
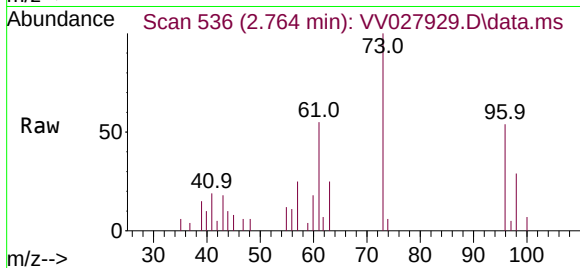
Tgt Ion: 73 Resp: 5588

Ion Ratio Lower Upper

73 100

43 20.3 12.4 18.6#

57 25.0 16.6 25.0#



#18

trans-1,2-Dichloroethene

Concen: 0.495 ug/L

RT: 2.754 min Scan# 533

Delta R.T. -0.000 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

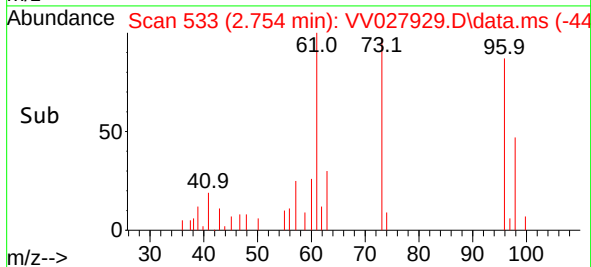
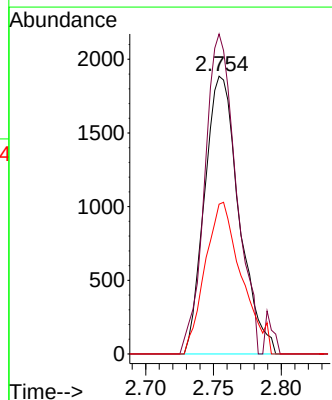
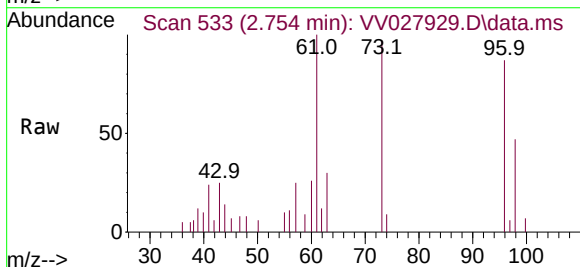
Tgt Ion: 96 Resp: 3338

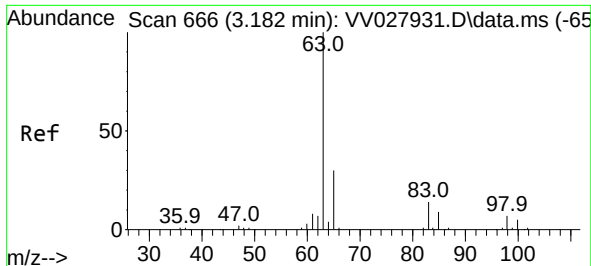
Ion Ratio Lower Upper

96 100

61 115.2 78.3 145.5

98 54.0 42.4 78.6





#19

1,1-Dichloroethane

Concen: 0.470 ug/L

RT: 3.182 min Scan# 6

Delta R.T. -0.000 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5240

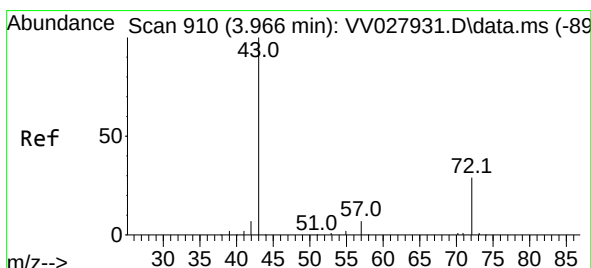
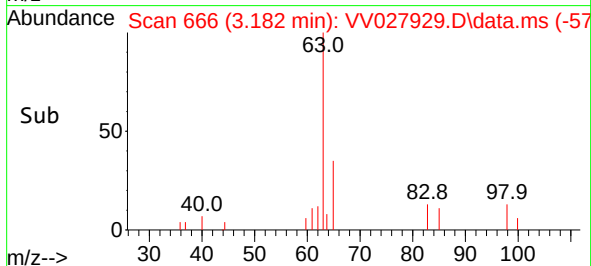
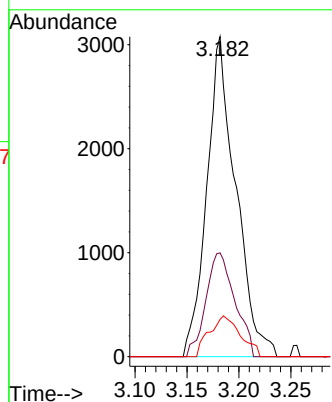
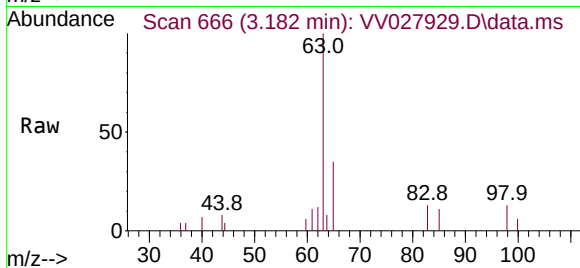
Tgt Ion: 63 Resp: 5963

Ion Ratio Lower Upper

63 100

65 32.4 21.3 39.6

83 11.7 9.7 18.1



#21

2-Butanone

Concen: 1.248 ug/L

RT: 4.005 min Scan# 922

Delta R.T. 0.039 min

Lab File: VV027929.D

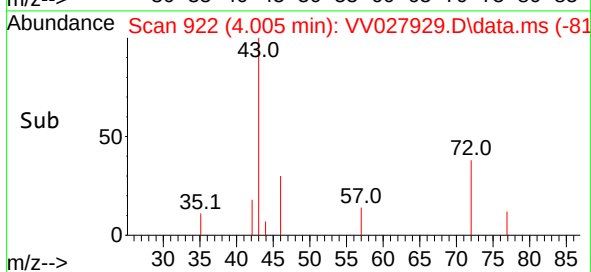
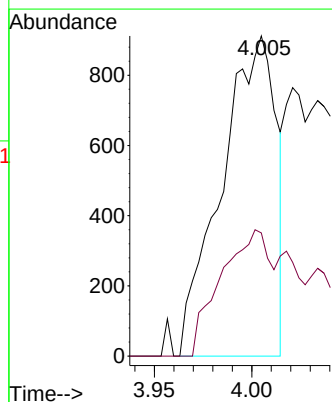
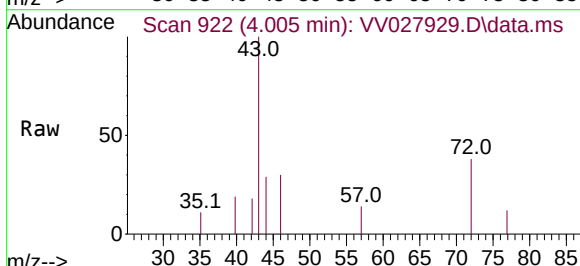
Acq: 19 Sep 2022 16:03

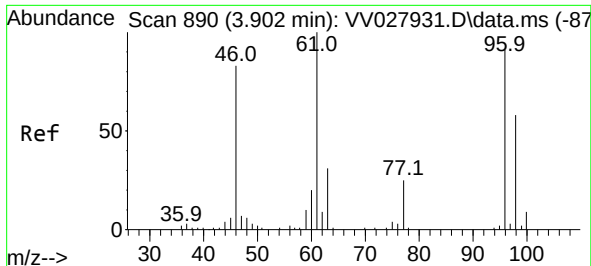
Tgt Ion: 43 Resp: 1781

Ion Ratio Lower Upper

43 100

72 35.8 14.9 44.9

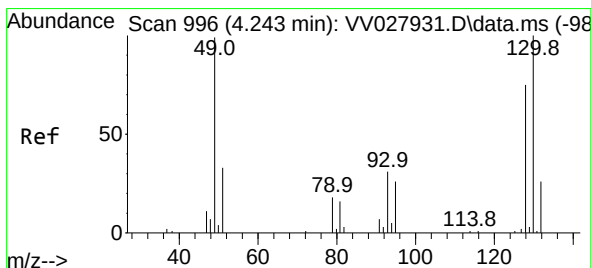
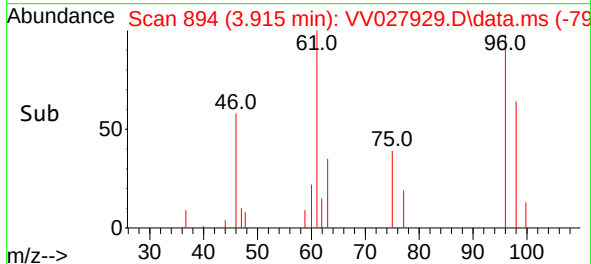
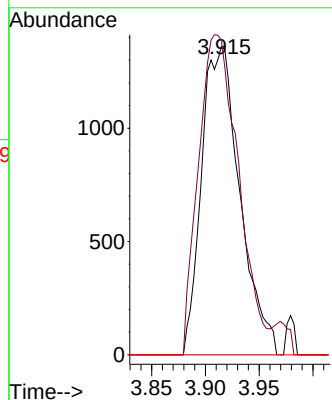
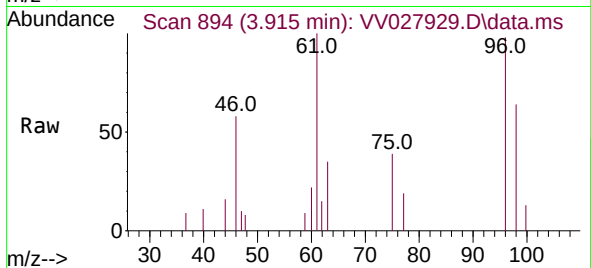




#22
 cis-1,2-Dichloroethene
 Concen: 0.460 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.013 min
 Lab File: VV027929.D
 Acq: 19 Sep 2022 16:03

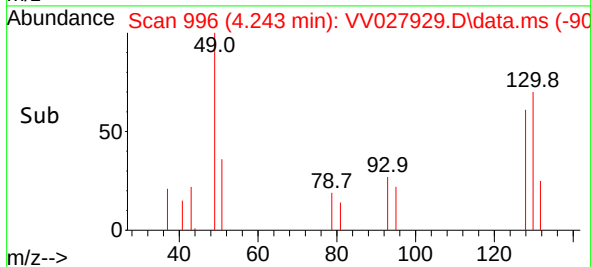
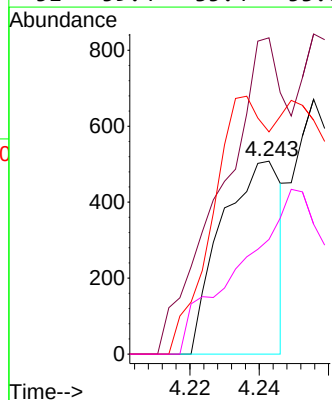
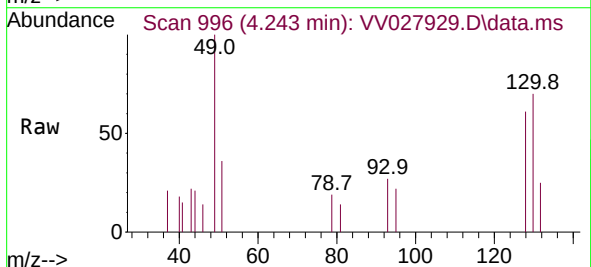
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5240

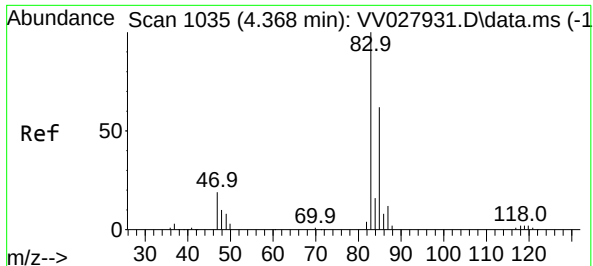
Tgt Ion: 96 Resp: 3373
 Ion Ratio Lower Upper
 96 100
 61 101.9 76.6 142.3
 68 0.0 0.0 0.0



#23
 Bromochloromethane
 Concen: 0.192 ug/L
 RT: 4.243 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VV027929.D
 Acq: 19 Sep 2022 16:03

Tgt Ion: 128 Resp: 603
 Ion Ratio Lower Upper
 128 100
 49 164.0 93.4 173.6
 130 115.2 93.9 174.5
 51 59.4 35.4 53.0#





#25

Chloroform

Concen: 0.523 ug/L

RT: 4.362 min Scan# 1033

Delta R.T. -0.006 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

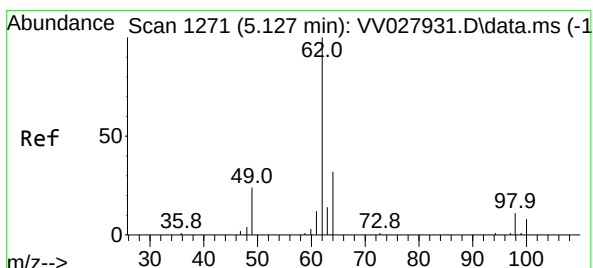
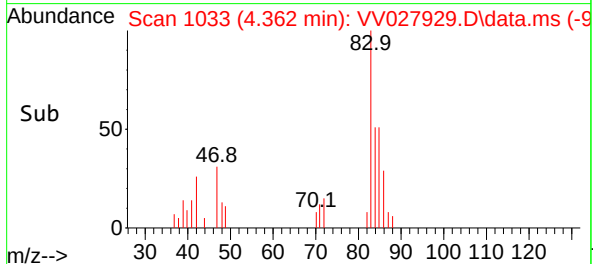
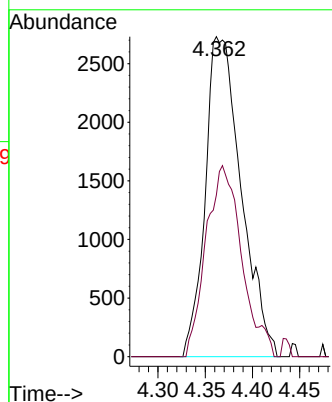
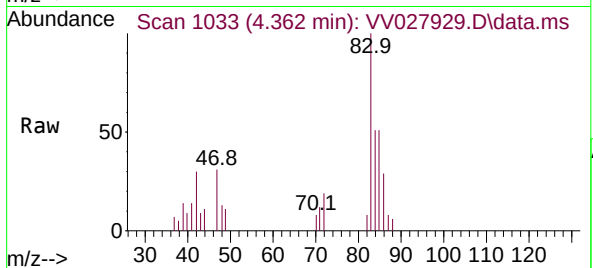
VSTD0.5240

Tgt Ion: 83 Resp: 7231

Ion Ratio Lower Upper

83 100

85 50.5 44.0 81.8



#27

1,2-Dichloroethane

Concen: 0.368 ug/L

RT: 5.130 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VV027929.D

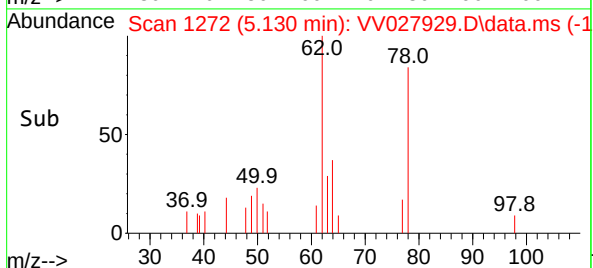
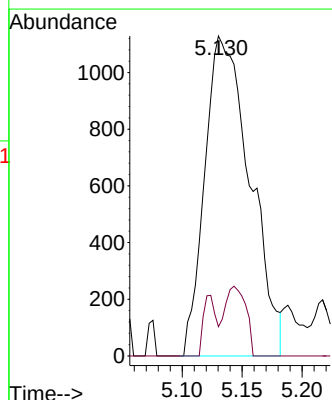
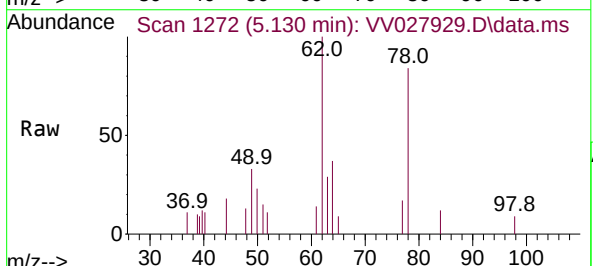
Acq: 19 Sep 2022 16:03

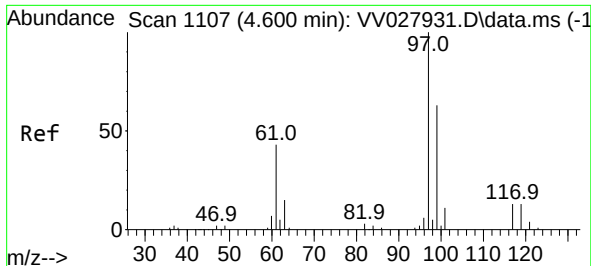
Tgt Ion: 62 Resp: 2963

Ion Ratio Lower Upper

62 100

98 9.1 8.7 13.1





#29

1,1,1-Trichloroethane

Concen: 0.385 ug/L

RT: 4.596 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5240

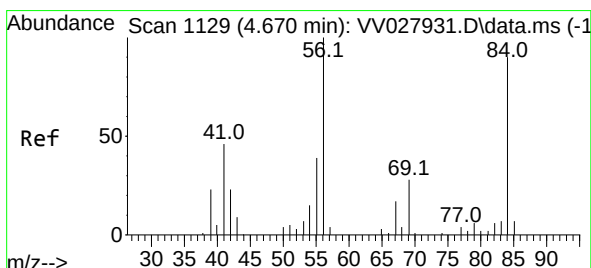
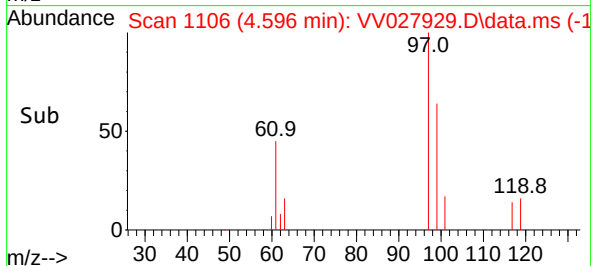
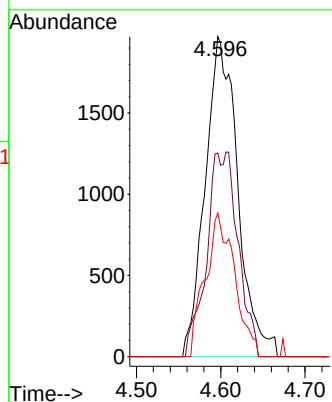
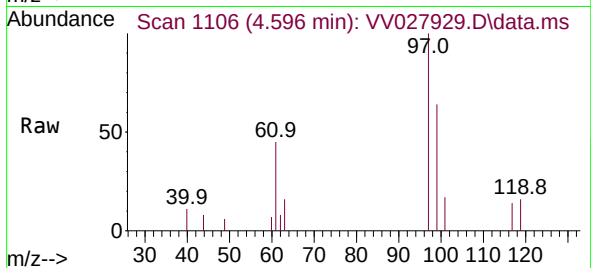
Tgt Ion: 97 Resp: 5299

Ion Ratio Lower Upper

97 100

99 29.6 51.3 76.9#

61 40.4 33.6 50.4



#30

Cyclohexane

Concen: 0.312 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. -0.003 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

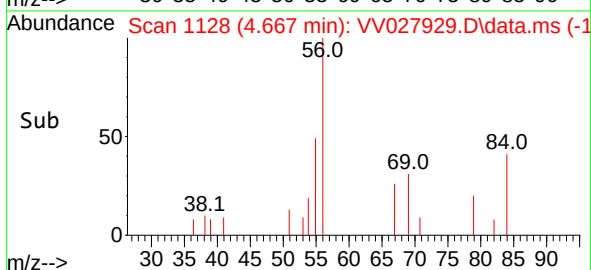
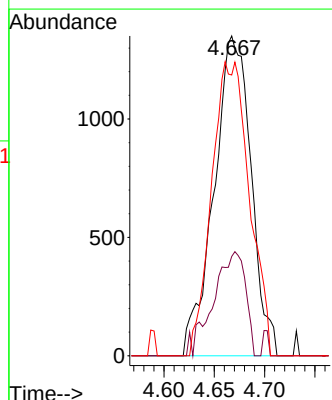
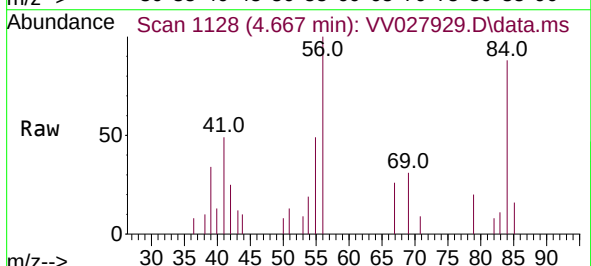
Tgt Ion: 56 Resp: 3464

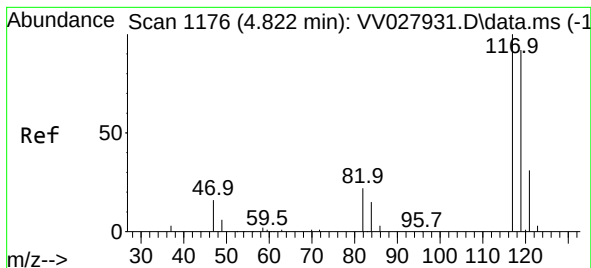
Ion Ratio Lower Upper

56 100

69 28.3 24.2 36.2

84 93.1 76.9 115.3





#31

Carbon tetrachloride

Concen: 0.401 ug/L

RT: 4.815 min Scan# 1174

Delta R.T. -0.006 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

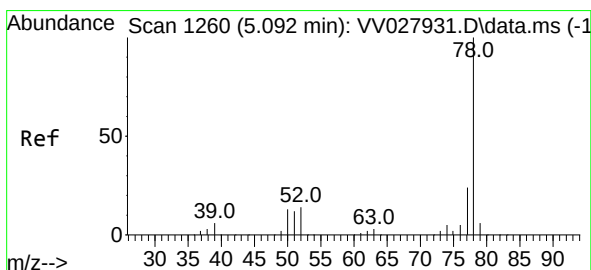
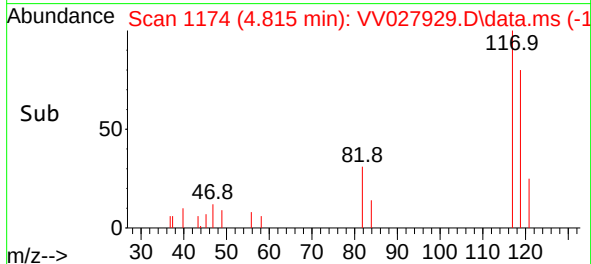
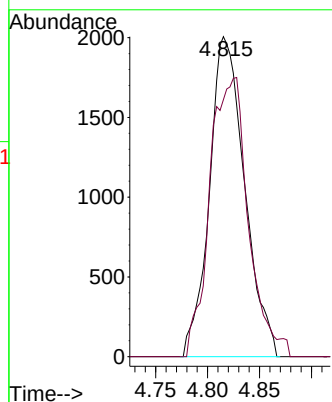
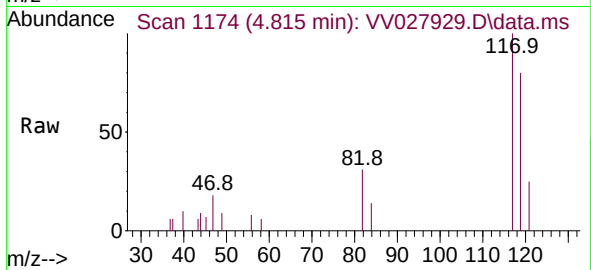
VSTD0.5240

Tgt Ion:117 Resp: 4719

Ion Ratio Lower Upper

117 100

119 95.6 74.2 111.4



#33

Benzene

Concen: 0.412 ug/L

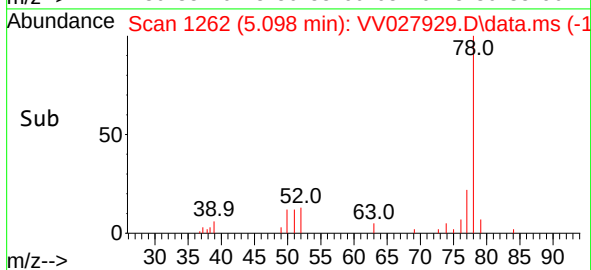
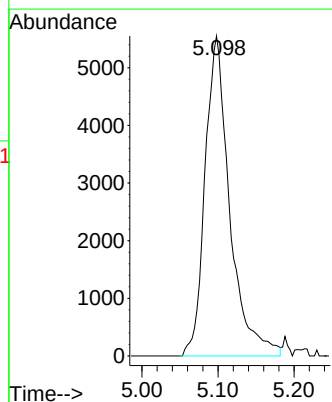
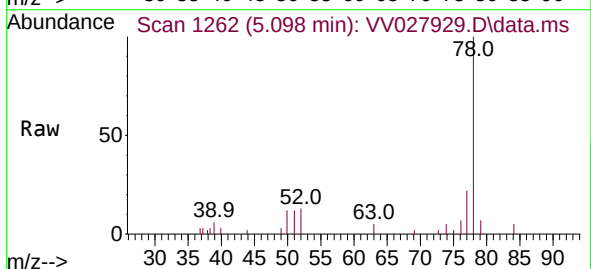
RT: 5.098 min Scan# 1262

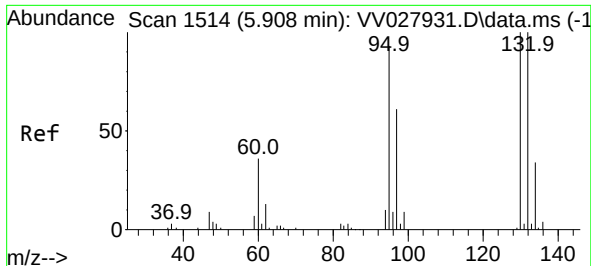
Delta R.T. 0.006 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

Tgt Ion: 78 Resp: 12535

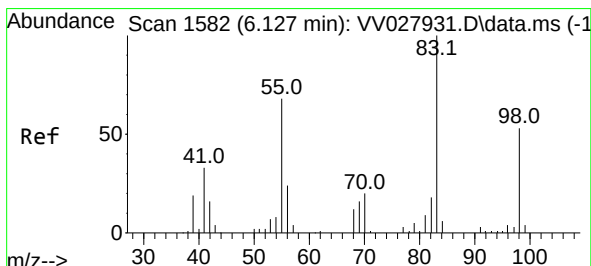
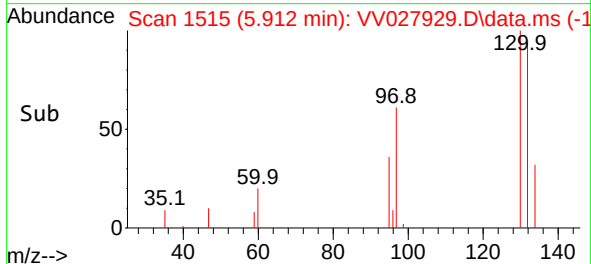
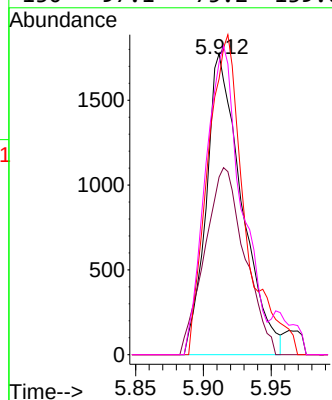
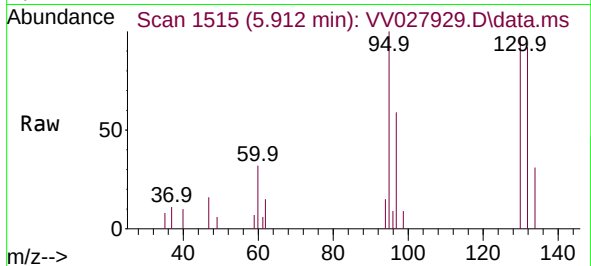




#34
Trichloroethene
Concen: 0.429 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV027929.D
Acq: 19 Sep 2022 16:03

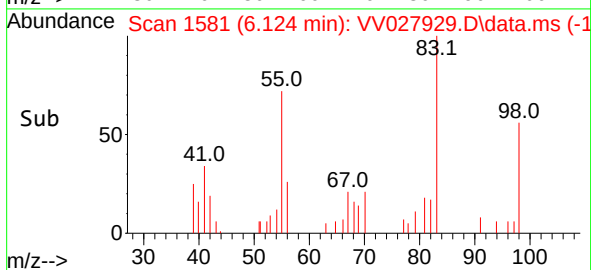
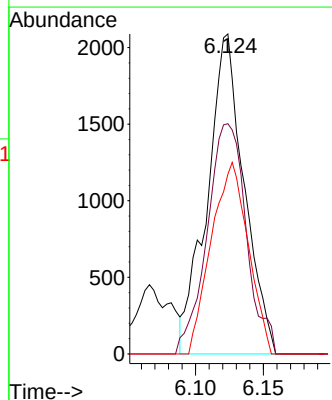
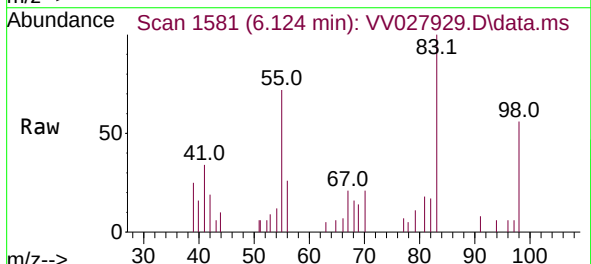
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5240

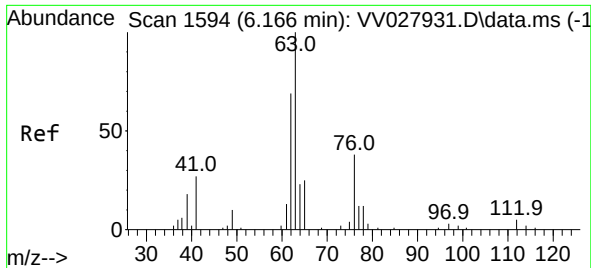
Tgt Ion: 95 Resp: 3227
Ion Ratio Lower Upper
95 100
97 59.0 46.1 85.7
132 91.7 75.2 139.6
130 97.1 75.2 139.6



#35
Methylcyclohexane
Concen: 0.347 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.003 min
Lab File: VV027929.D
Acq: 19 Sep 2022 16:03

Tgt Ion: 83 Resp: 3955
Ion Ratio Lower Upper
83 100
55 76.3 54.5 81.7
98 59.8 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.458 ug/L

RT: 6.178 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

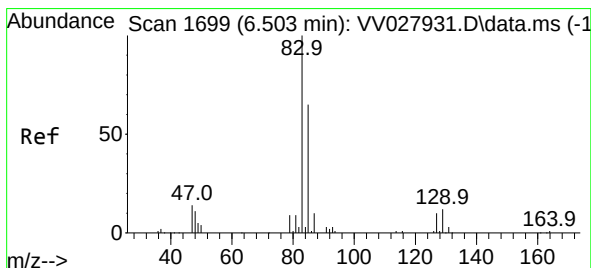
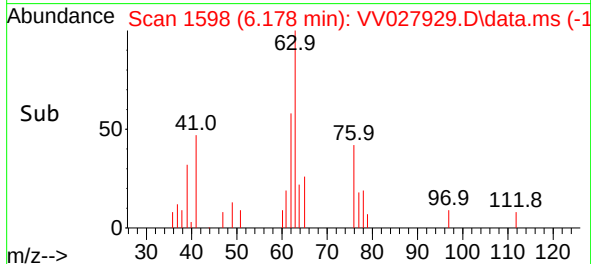
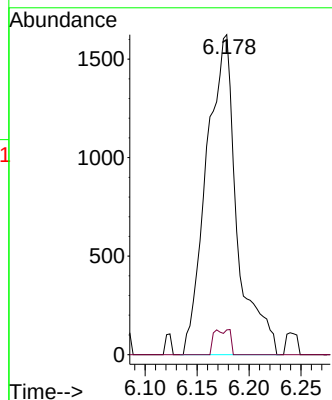
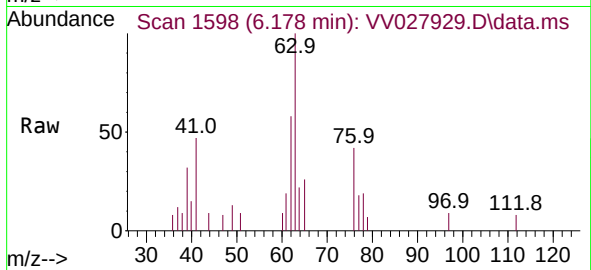
VSTD0.5240

Tgt Ion: 63 Resp: 3328

Ion Ratio Lower Upper

63 100

112 2.6 3.8 5.8#



#38

Bromodichloromethane

Concen: 0.477 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. 0.006 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

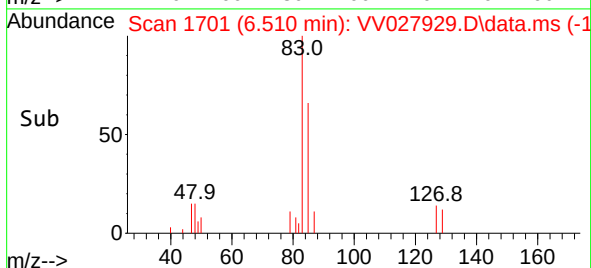
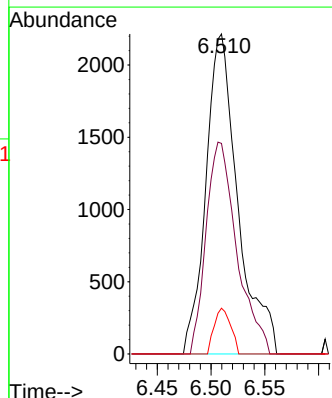
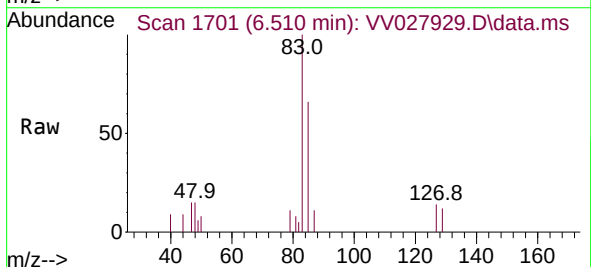
Tgt Ion: 83 Resp: 4580

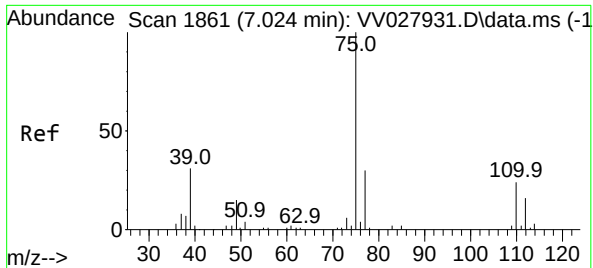
Ion Ratio Lower Upper

83 100

85 65.8 45.3 84.1

127 14.3 7.9 11.9#





#39

cis-1,3-Dichloropropene

Concen: 0.393 ug/L

RT: 7.034 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

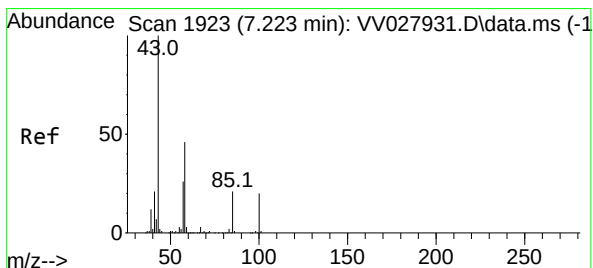
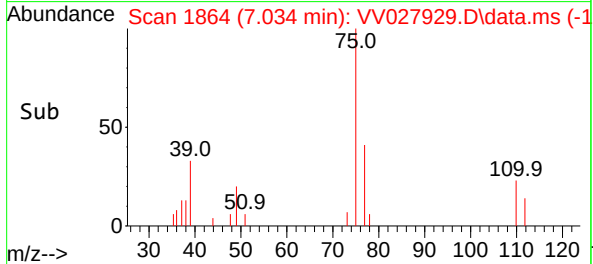
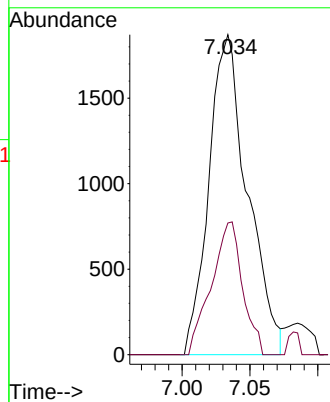
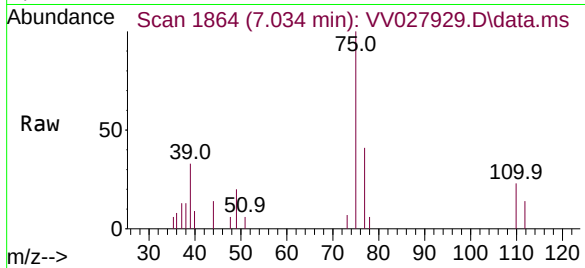
VSTD0.5240

Tgt Ion: 75 Resp: 3702

Ion Ratio Lower Upper

75 100

77 41.2 21.1 39.3#



#40

4-Methyl-2-pentanone

Concen: 3.381 ug/L

RT: 7.230 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

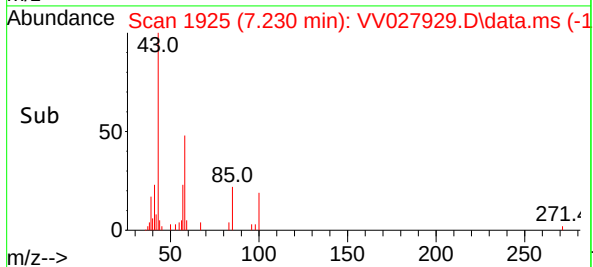
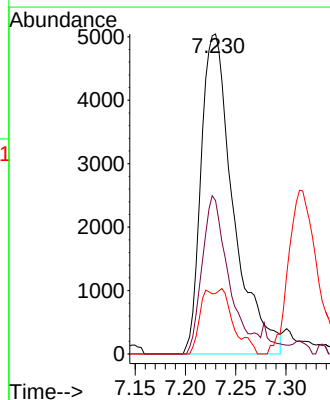
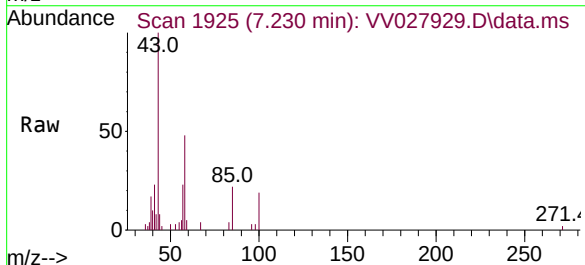
Tgt Ion: 43 Resp: 11234

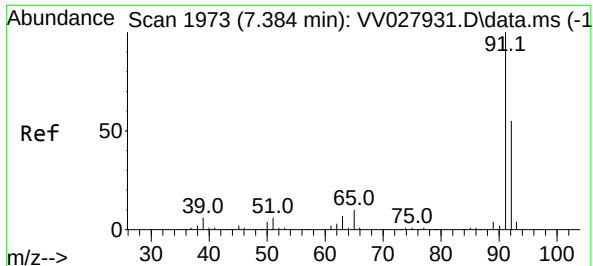
Ion Ratio Lower Upper

43 100

58 40.9 35.3 52.9

100 8.2 15.3 22.9#

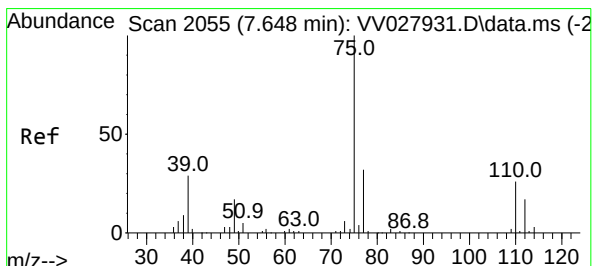
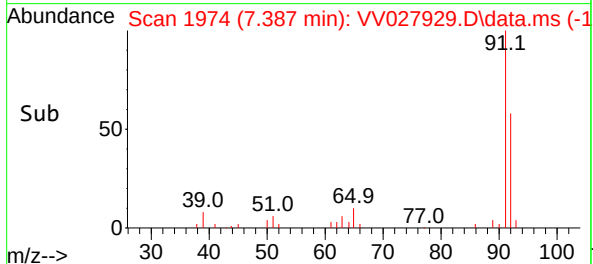
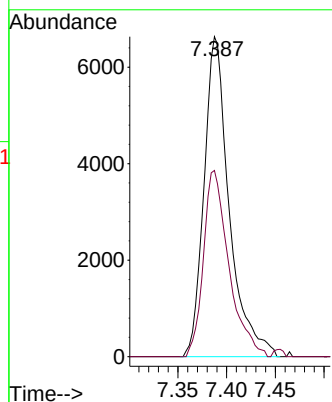
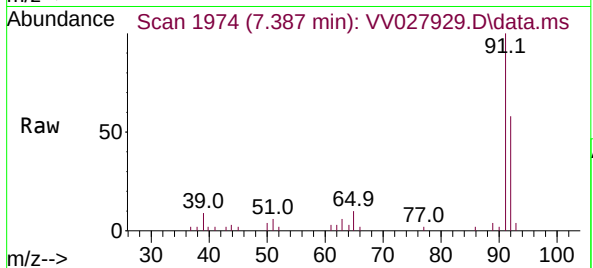




#42
Toluene
Concen: 0.399 ug/L
RT: 7.387 min Scan# 1973
Delta R.T. 0.003 min
Lab File: VV027929.D
Acq: 19 Sep 2022 16:03

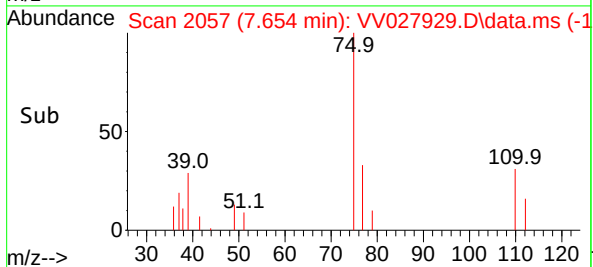
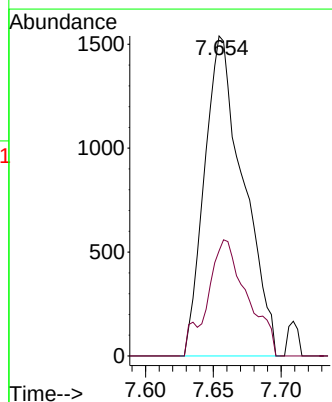
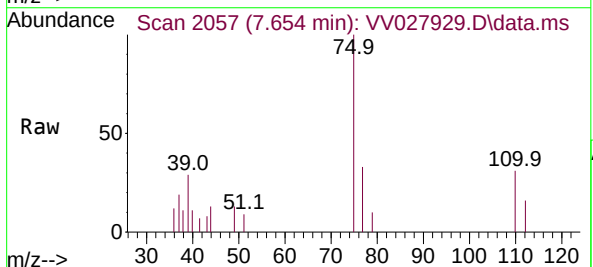
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5240

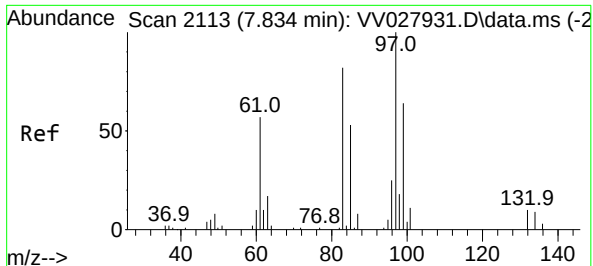
Tgt Ion: 91 Resp: 11922
Ion Ratio Lower Upper
91 100
92 58.2 38.5 71.5



#44
trans-1,3-Dichloropropene
Concen: 0.390 ug/L
RT: 7.654 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VV027929.D
Acq: 19 Sep 2022 16:03

Tgt Ion: 75 Resp: 3071
Ion Ratio Lower Upper
75 100
77 32.9 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 0.497 ug/L

RT: 7.838 min Scan# 2114

Delta R.T. 0.003 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5240

Tgt Ion: 97 Resp: 2424

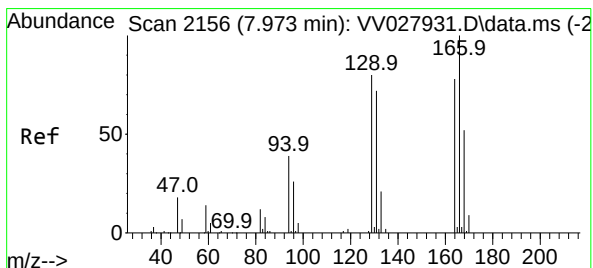
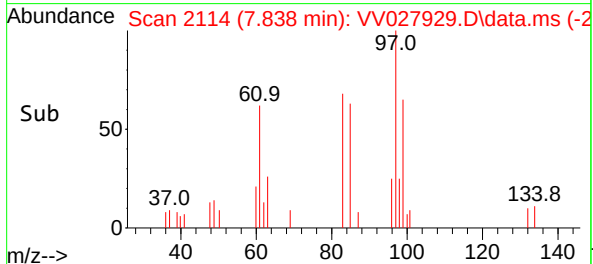
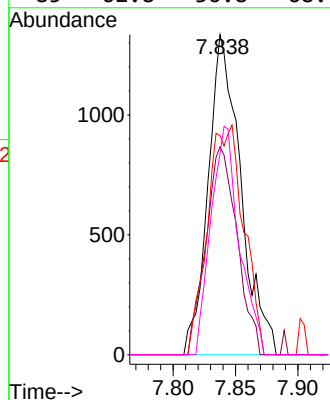
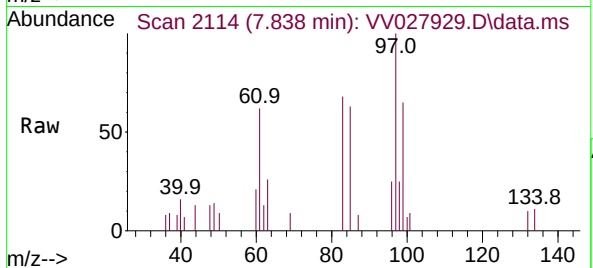
Ion Ratio Lower Upper

97 100

99 64.9 44.9 83.5

83 68.5 57.3 106.3

85 62.8 36.8 68.4



#47

Tetrachloroethene

Concen: 0.427 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

Tgt Ion:164 Resp: 2668

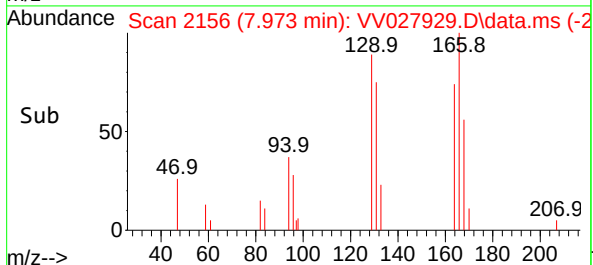
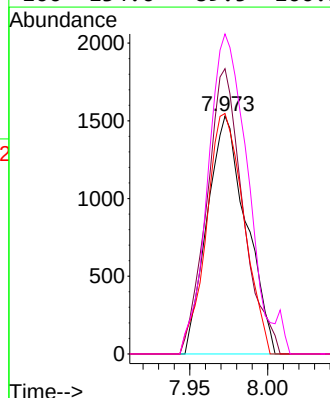
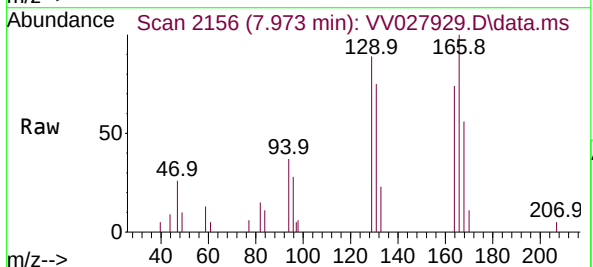
Ion Ratio Lower Upper

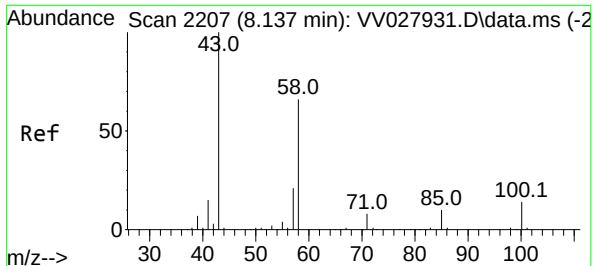
164 100

129 120.0 71.3 132.3

131 101.1 64.5 119.7

166 134.6 89.5 166.1





#48

2-Hexanone

Concen: 3.007 ug/L

RT: 8.143 min Scan# 2209

Delta R.T. 0.006 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5240

Tgt Ion: 43 Resp: 7146

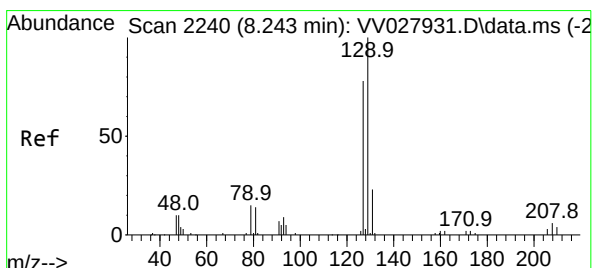
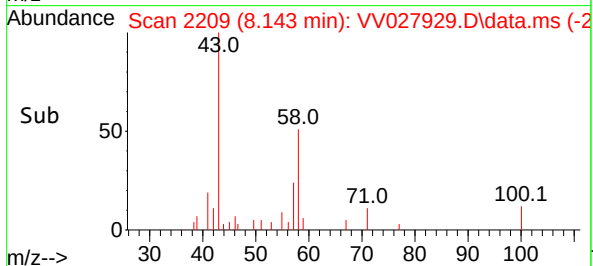
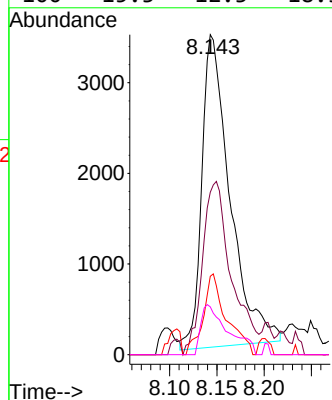
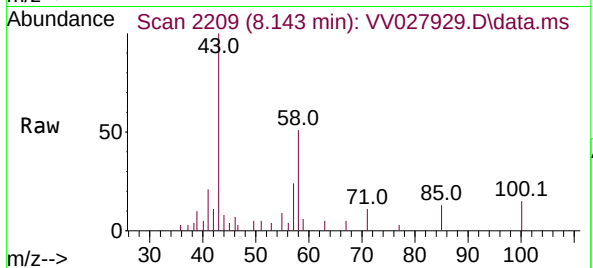
Ion Ratio Lower Upper

43 100

58 57.0 50.6 76.0

57 21.5 16.2 24.4

100 15.3 12.3 18.5



#49

Dibromochloromethane

Concen: 0.484 ug/L

RT: 8.243 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VV027929.D

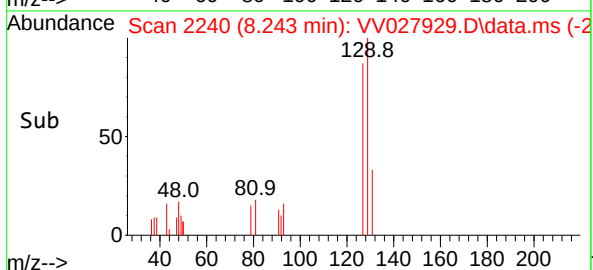
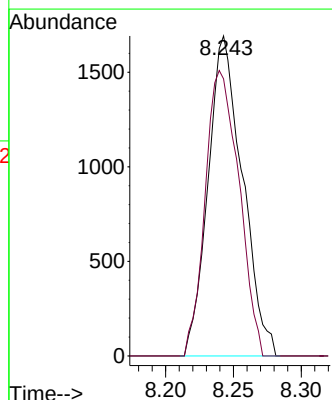
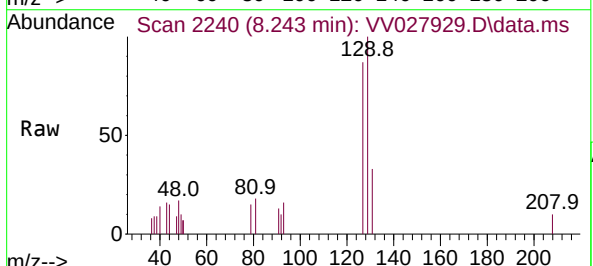
Acq: 19 Sep 2022 16:03

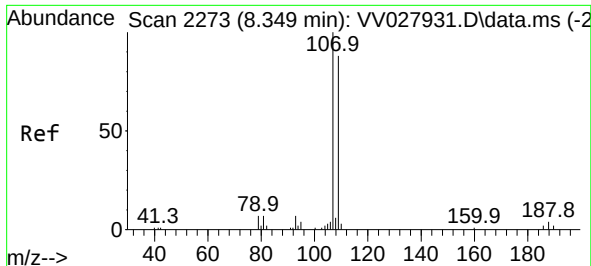
Tgt Ion: 129 Resp: 2989

Ion Ratio Lower Upper

129 100

127 86.6 54.3 100.9





#50

1,2-Dibromoethane

Concen: 0.512 ug/L

RT: 8.358 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5240

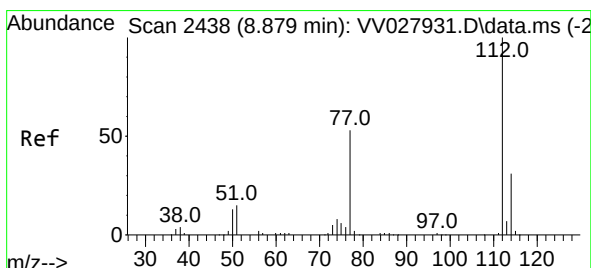
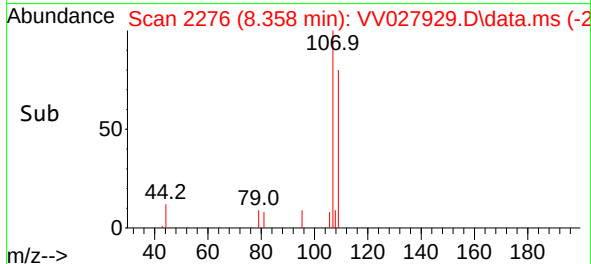
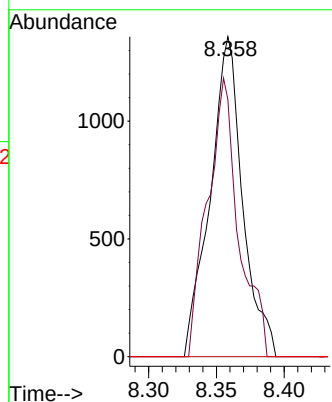
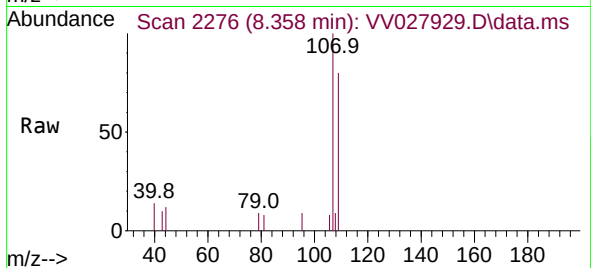
Tgt Ion:107 Resp: 2268

Ion Ratio Lower Upper

107 100

109 80.4 61.4 114.0

188 0.0 3.1 4.7#



#51

Chlorobenzene

Concen: 0.484 ug/L

RT: 8.879 min Scan# 2438

Delta R.T. -0.000 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

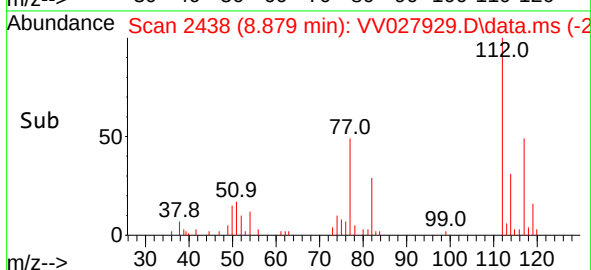
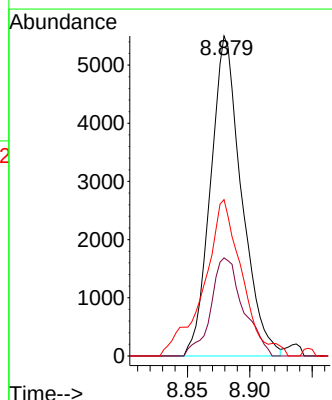
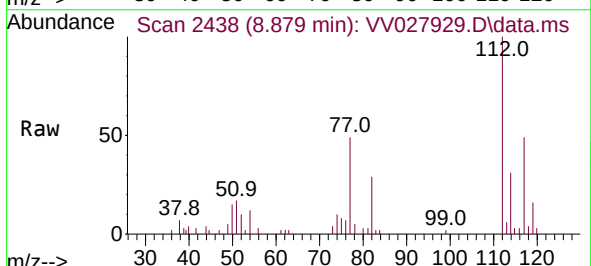
Tgt Ion:112 Resp: 9524

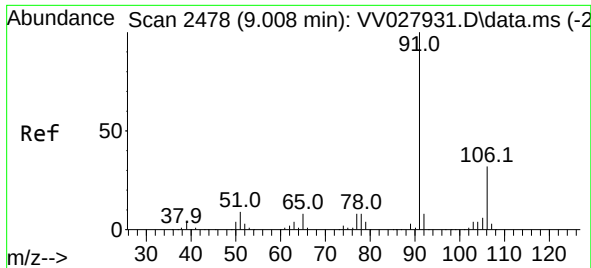
Ion Ratio Lower Upper

112 100

114 30.6 22.0 40.8

77 48.9 42.7 64.1

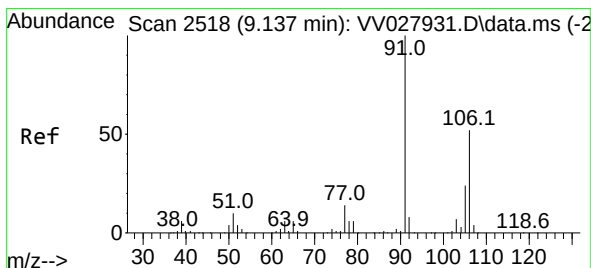
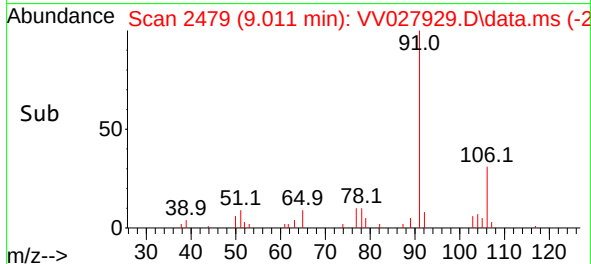
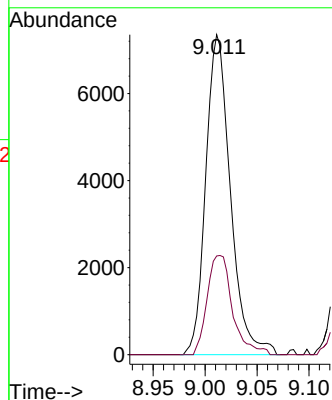
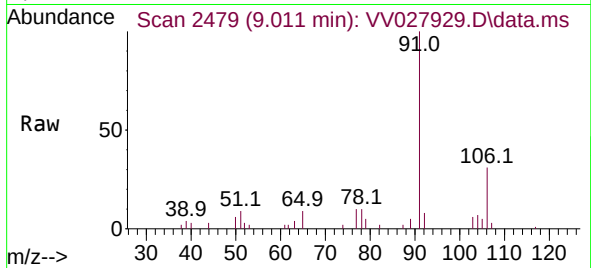




#52
Ethylbenzene
Concen: 0.387 ug/L
RT: 9.011 min Scan# 2478
Delta R.T. 0.003 min
Lab File: VV027929.D
Acq: 19 Sep 2022 16:03

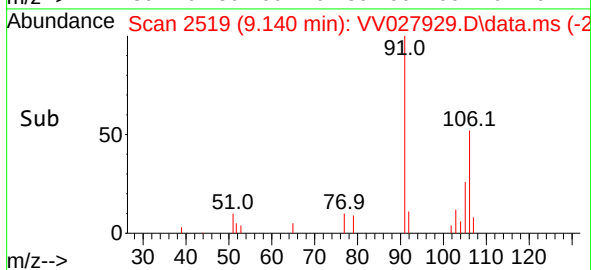
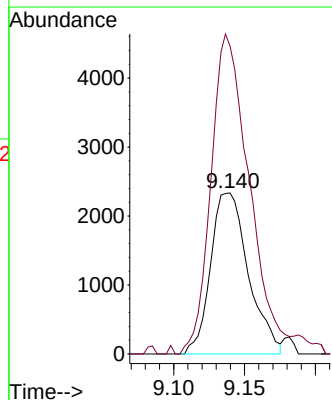
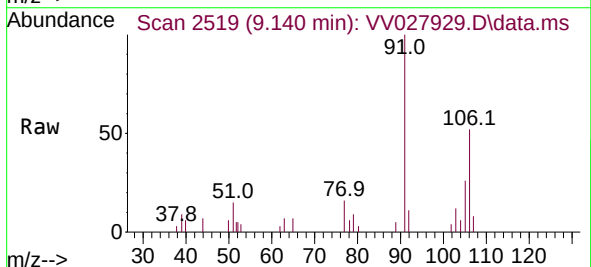
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5240

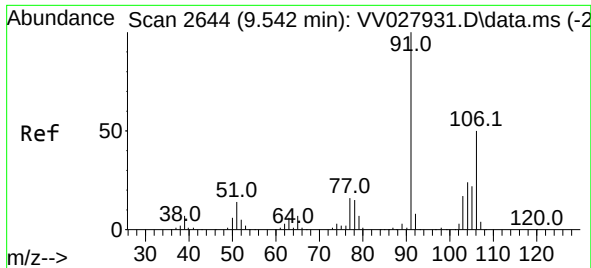
Tgt Ion: 91 Resp: 12108
Ion Ratio Lower Upper
91 100
106 30.9 22.2 41.2



#53
m,p-Xylene
Concen: 0.353 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV027929.D
Acq: 19 Sep 2022 16:03

Tgt Ion: 106 Resp: 4337
Ion Ratio Lower Upper
106 100
91 191.1 134.7 250.1

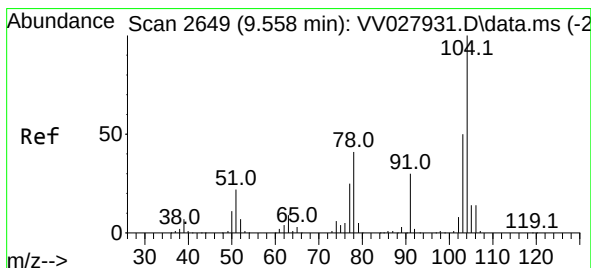
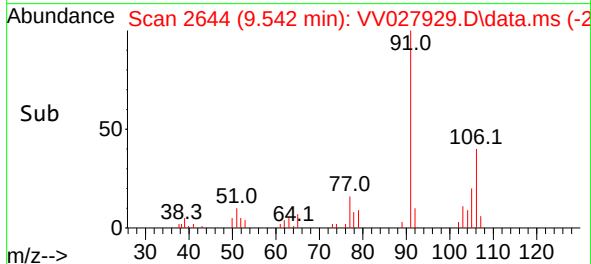
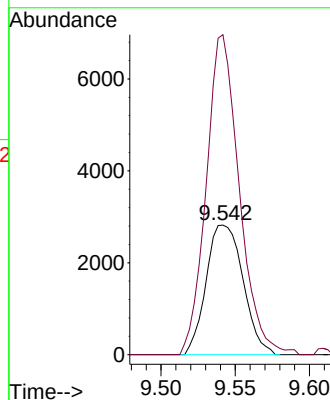
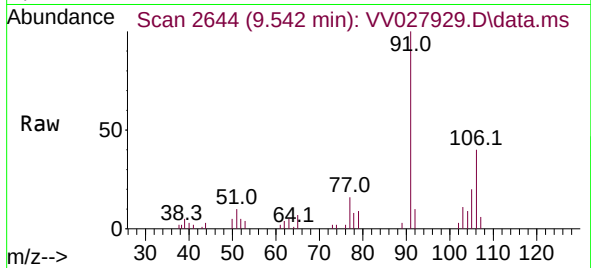




#54
o-Xylene
Concen: 0.414 ug/L
RT: 9.542 min Scan# 2651
Delta R.T. -0.000 min
Lab File: VV027929.D
Acq: 19 Sep 2022 16:03

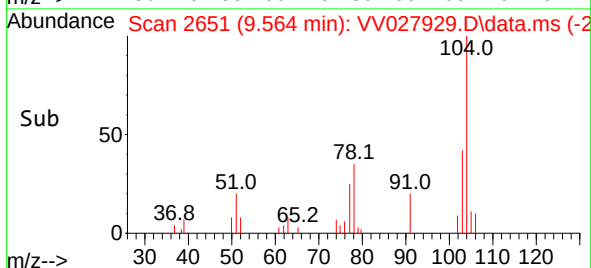
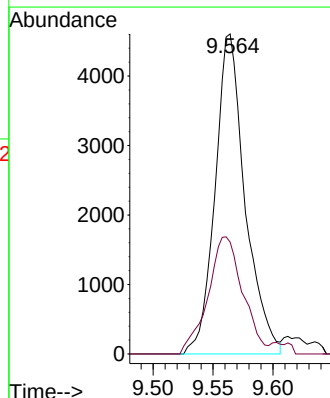
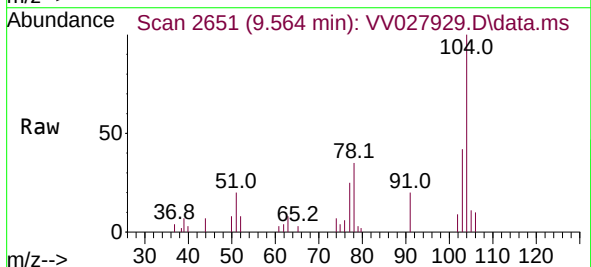
Instrument : MSVOA_V
ClientSampleId : VSTD0.5240

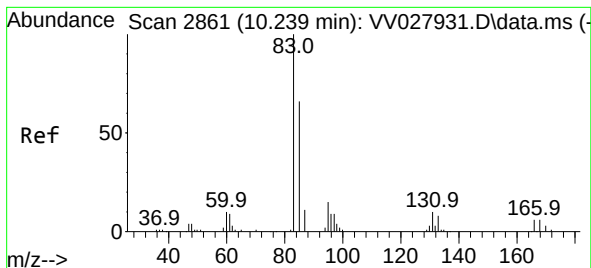
Tgt Ion:106 Resp: 4872
Ion Ratio Lower Upper
106 100
91 247.0 139.4 259.0



#55
Styrene
Concen: 0.392 ug/L
RT: 9.564 min Scan# 2651
Delta R.T. 0.006 min
Lab File: VV027929.D
Acq: 19 Sep 2022 16:03

Tgt Ion:104 Resp: 8006
Ion Ratio Lower Upper
104 100
78 35.0 28.4 52.8

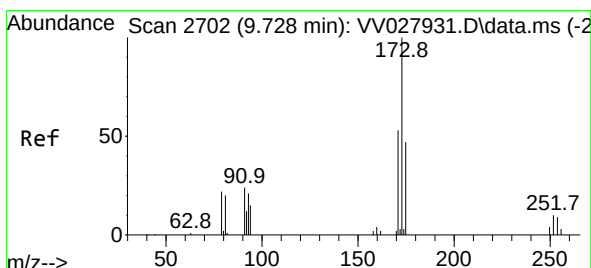
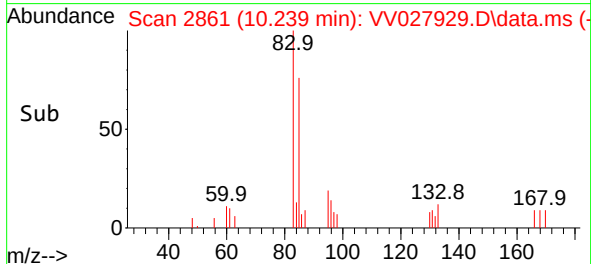
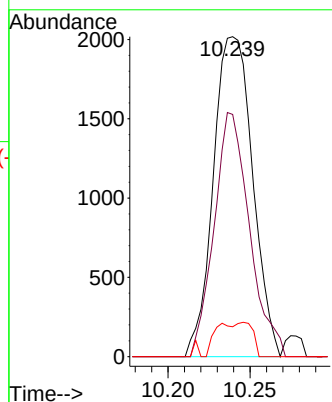
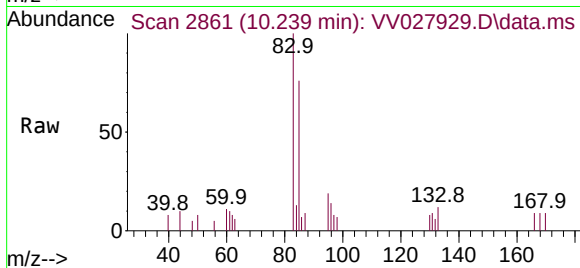




#57
 1,1,2,2-Tetrachloroethane
 Concen: 0.600 ug/L
 RT: 10.239 min Scan# 2861
 Delta R.T. -0.000 min
 Lab File: VV027929.D
 Acq: 19 Sep 2022 16:03

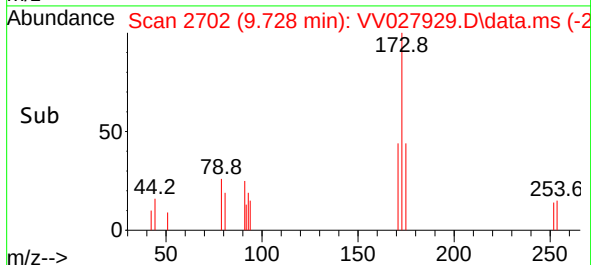
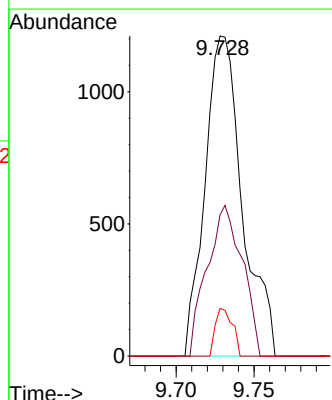
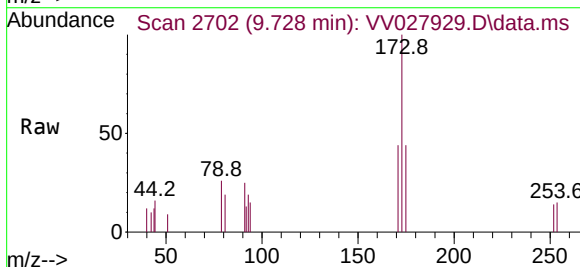
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD0.5240

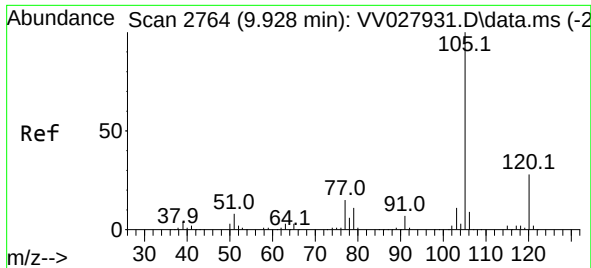
Tgt Ion: 83	Resp: 3357
Ion Ratio	Lower Upper
83 100	
85 75.7	46.5 86.3
131 9.3	8.3 12.5



#59
 Bromoform
 Concen: 0.560 ug/L
 RT: 9.728 min Scan# 2702
 Delta R.T. -0.000 min
 Lab File: VV027929.D
 Acq: 19 Sep 2022 16:03

Tgt Ion: 173	Resp: 2020
Ion Ratio	Lower Upper
173 100	
175 44.3	37.5 56.3
254 6.8	7.3 10.9

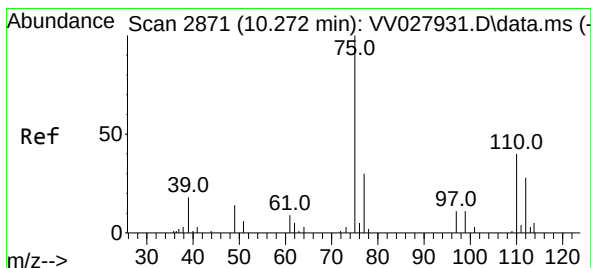
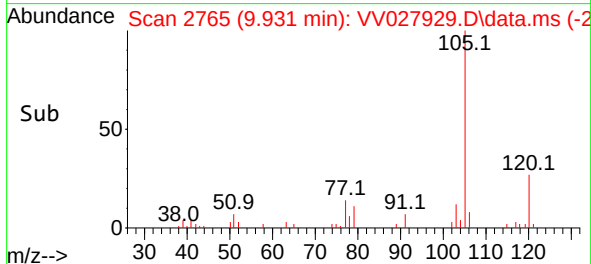
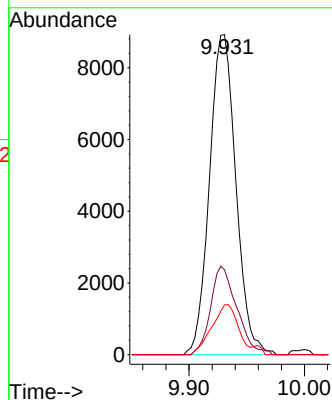
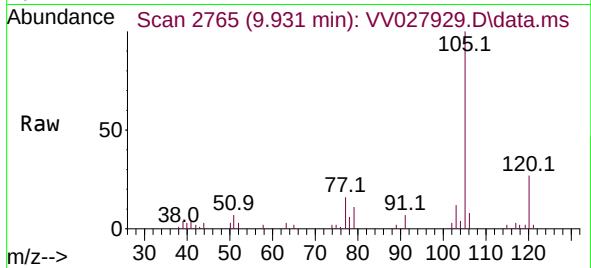




#60
Isopropylbenzene
Concen: 0.395 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027929.D
Acq: 19 Sep 2022 16:03

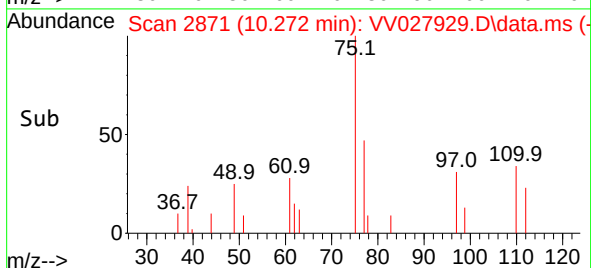
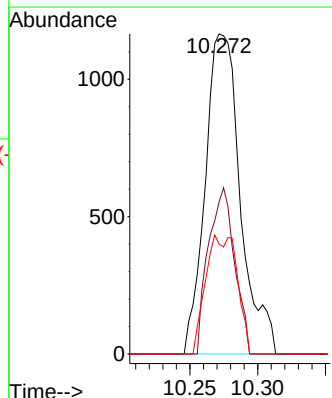
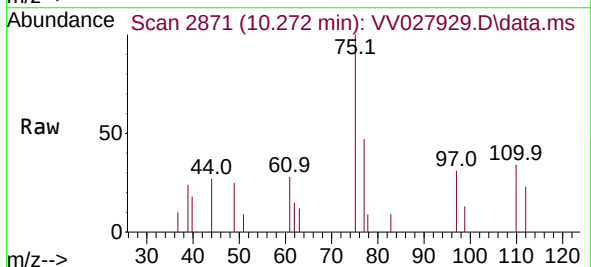
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5240

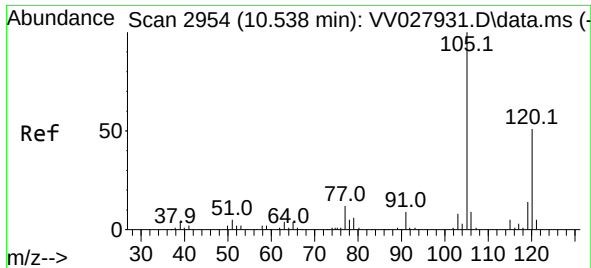
Tgt Ion:105 Resp: 14176
Ion Ratio Lower Upper
105 100
120 27.4 22.3 33.5
77 16.5 11.7 17.5



#61
1,2,3-Trichloropropane
Concen: 0.454 ug/L
RT: 10.272 min Scan# 2871
Delta R.T. -0.000 min
Lab File: VV027929.D
Acq: 19 Sep 2022 16:03

Tgt Ion: 75 Resp: 2105
Ion Ratio Lower Upper
75 100
77 38.6 26.1 39.1
110 19.8 31.3 46.9#





#62

1,3,5-Trimethylbenzene

Concen: 0.409 ug/L

RT: 10.535 min Scan# 2954

Delta R.T. -0.003 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

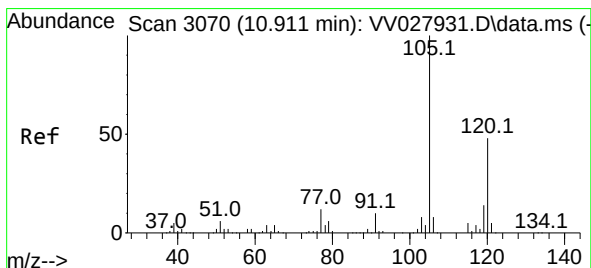
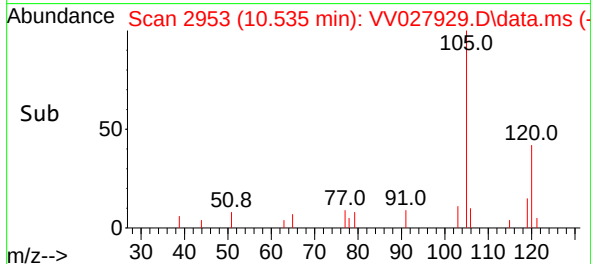
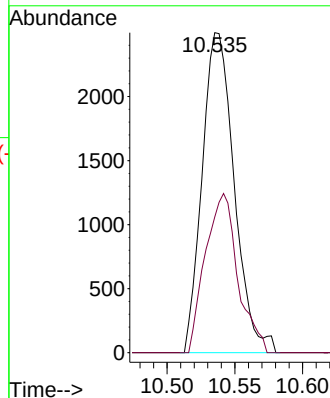
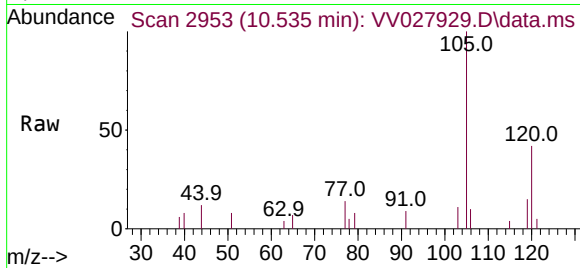
VSTD0.5240

Tgt Ion:105 Resp: 4114

Ion Ratio Lower Upper

105 100

120 50.2 40.2 60.2



#63

1,2,4-Trimethylbenzene

Concen: 0.382 ug/L

RT: 10.915 min Scan# 3071

Delta R.T. 0.003 min

Lab File: VV027929.D

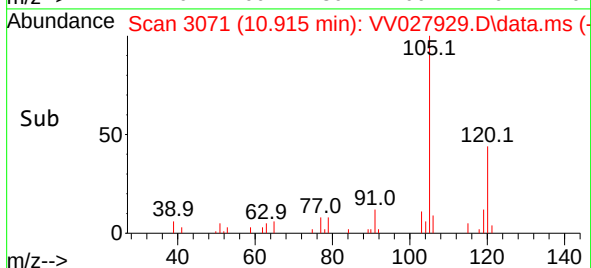
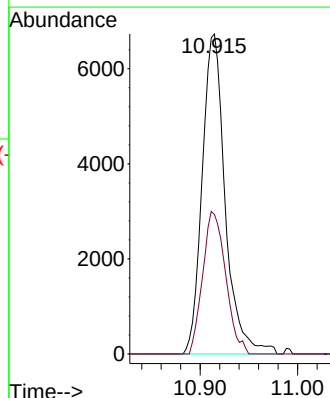
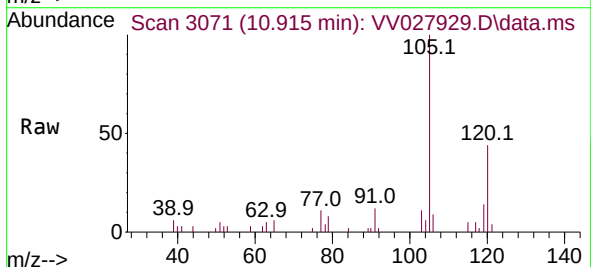
Acq: 19 Sep 2022 16:03

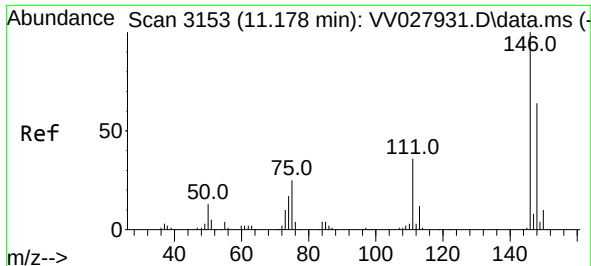
Tgt Ion:105 Resp: 11047

Ion Ratio Lower Upper

105 100

120 44.3 37.9 56.9

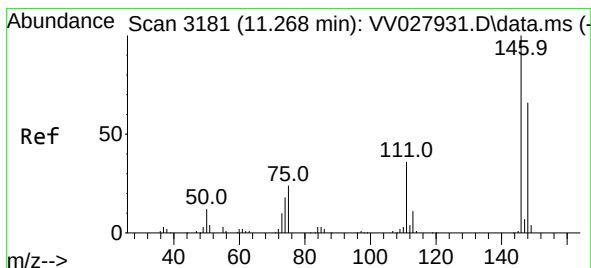
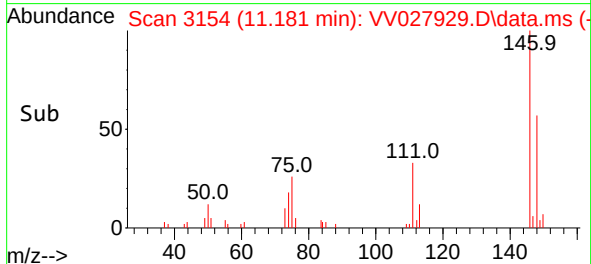
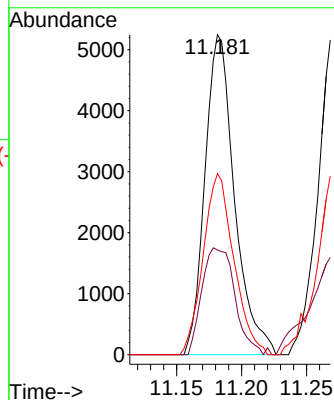
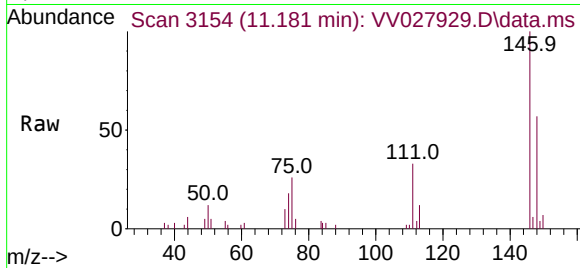




#64
1,3-Dichlorobenzene
Concen: 0.448 ug/L
RT: 11.181 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VV027929.D
Acq: 19 Sep 2022 16:03

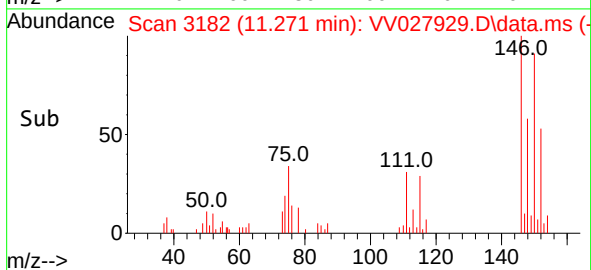
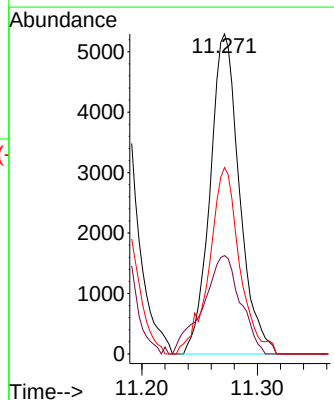
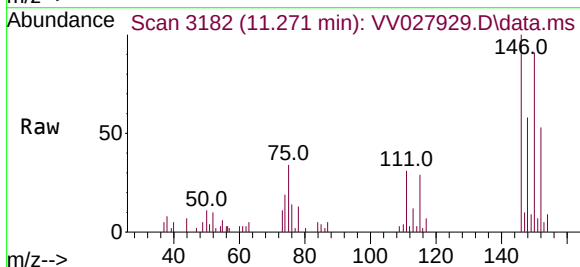
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5240

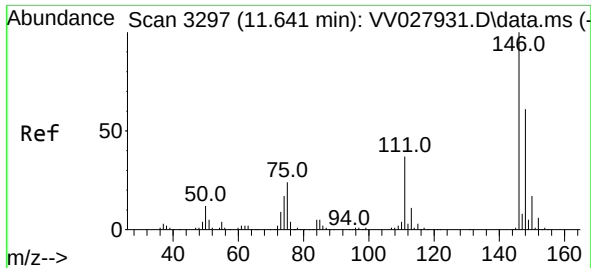
Tgt Ion:146 Resp: 8309
Ion Ratio Lower Upper
146 100
111 32.7 25.3 46.9
148 56.5 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 0.500 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. 0.003 min
Lab File: VV027929.D
Acq: 19 Sep 2022 16:03

Tgt Ion:146 Resp: 9349
Ion Ratio Lower Upper
146 100
111 30.8 25.2 46.8
148 58.3 46.2 85.8

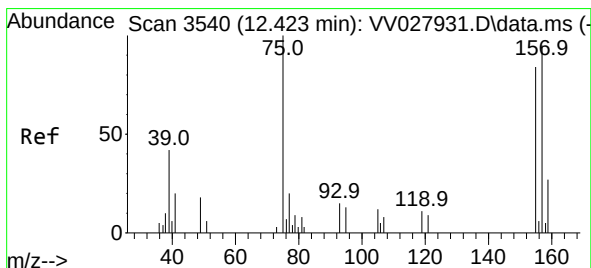
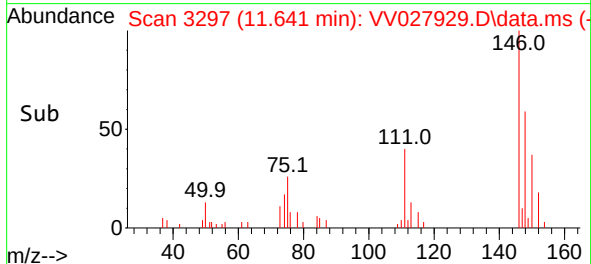
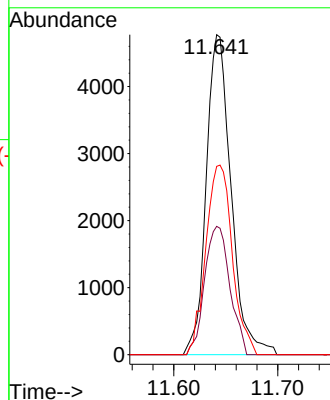
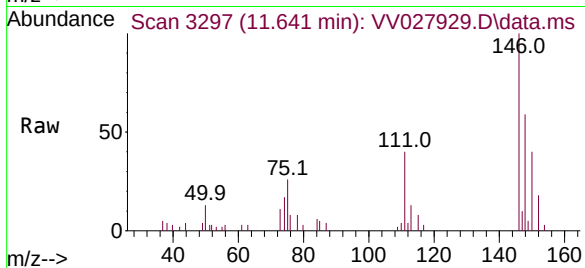




#67
1,2-Dichlorobenzene
Concen: 0.467 ug/L
RT: 11.641 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV027929.D
Acq: 19 Sep 2022 16:03

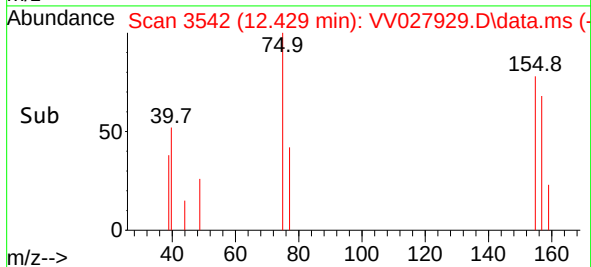
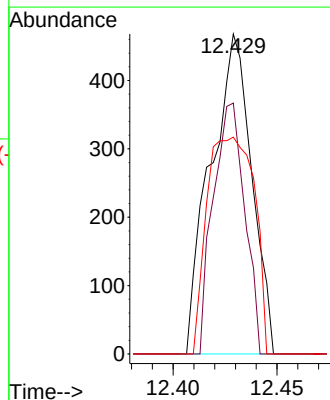
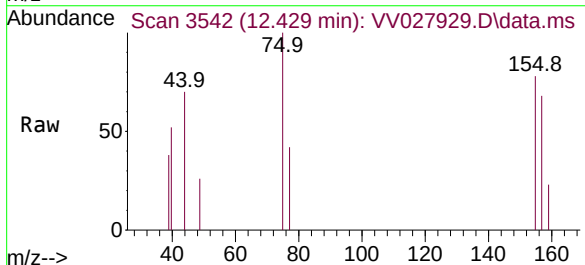
Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5240

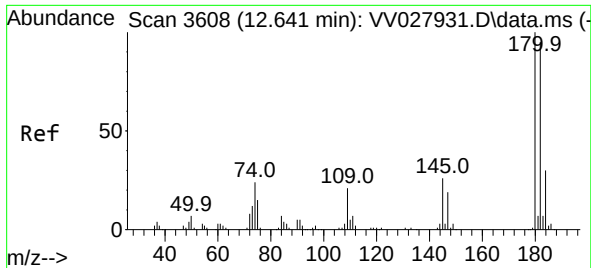
Tgt Ion:146 Resp: 7902
Ion Ratio Lower Upper
146 100
111 40.1 29.7 44.5
148 58.8 48.7 73.1



#68
1,2-Dibromo-3-chloropropane
Concen: 0.639 ug/L
RT: 12.429 min Scan# 3542
Delta R.T. 0.006 min
Lab File: VV027929.D
Acq: 19 Sep 2022 16:03

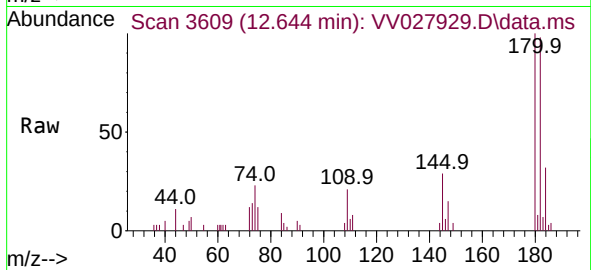
Tgt Ion: 75 Resp: 643
Ion Ratio Lower Upper
75 100
155 78.4 67.6 101.4
157 67.7 75.9 113.9#





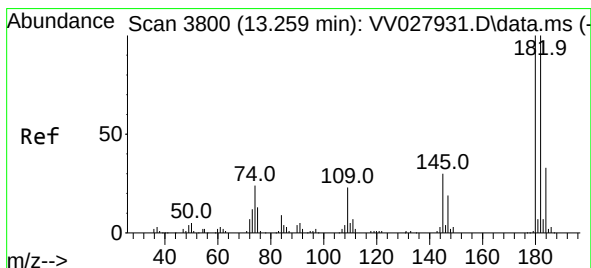
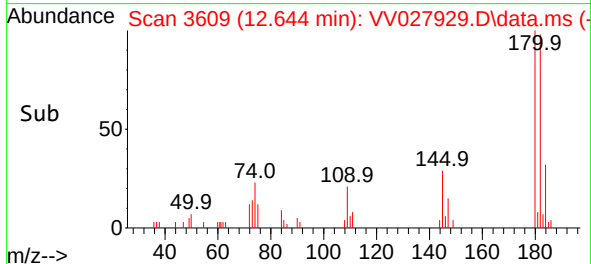
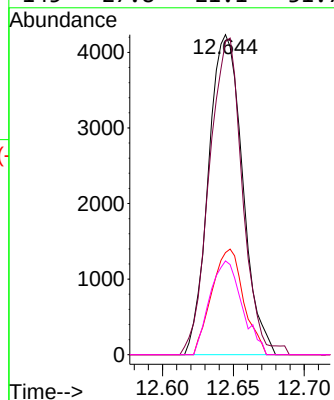
#69
1,3,5-Trichlorobenzene
Concen: 0.494 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. 0.003 min
Lab File: VV027929.D
Acq: 19 Sep 2022 16:03

Instrument :
MSVOA_V
ClientSampleId :
VSTD0.5240



Tgt Ion:180 Resp: 7071

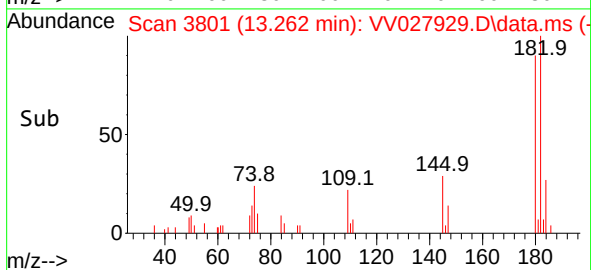
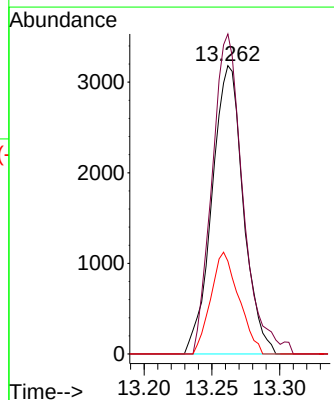
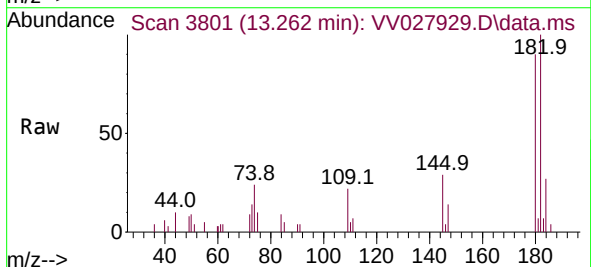
Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.7	115.1
184	30.9	24.6	37.0
145	27.8	21.1	31.7

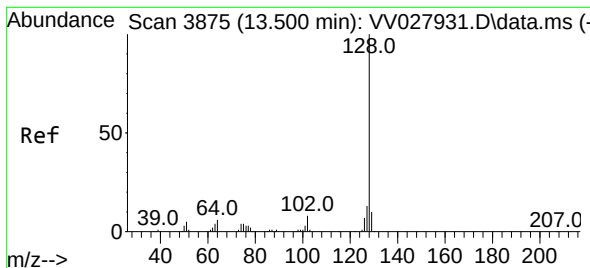


#70
1,2,4-trichlorobenzene
Concen: 0.445 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV027929.D
Acq: 19 Sep 2022 16:03

Tgt Ion:180 Resp: 5109

Ion	Ratio	Lower	Upper
180	100		
182	109.2	76.7	115.1
145	31.7	23.0	34.4





#71

Naphthalene

Concen: 0.385 ug/L

RT: 13.506 min Scan# 3875

Delta R.T. 0.006 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

Instrument :

MSVOA_V

ClientSampleId :

VSTD0.5240

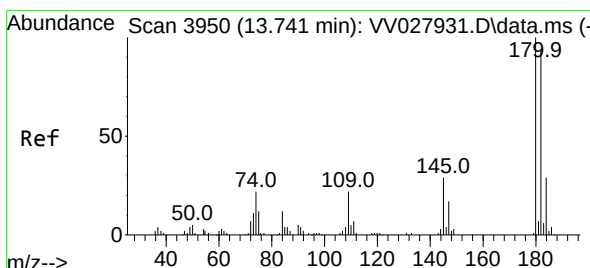
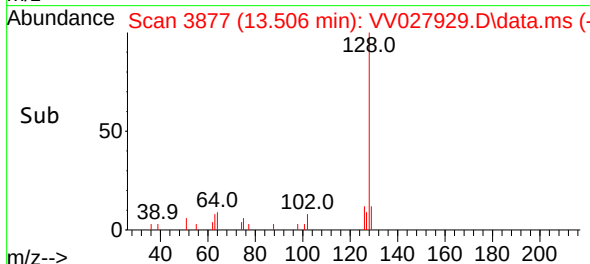
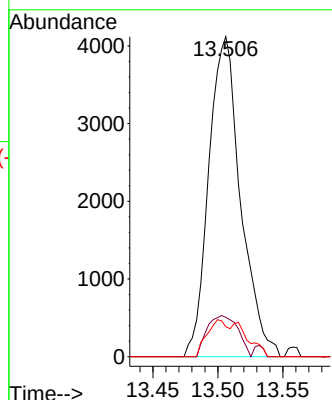
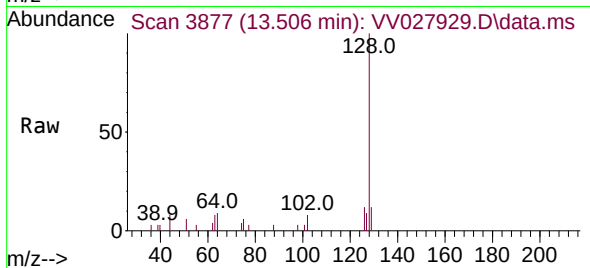
Tgt Ion:128 Resp: 7031

Ion Ratio Lower Upper

128 100

129 12.4 8.2 12.2#

127 7.8 10.2 15.2#



#72

1,2,3-Trichlorobenzene

Concen: 0.469 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. -0.000 min

Lab File: VV027929.D

Acq: 19 Sep 2022 16:03

Tgt Ion:180 Resp: 4815

Ion Ratio Lower Upper

180 100

182 92.3 74.2 111.2

145 30.9 23.9 35.9

