

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029627.D
 Acq On : 20 Jun 2022 16:49
 Operator : JC/MD
 Sample : N3391-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M15848

Quant Time: Jun 21 04:58:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

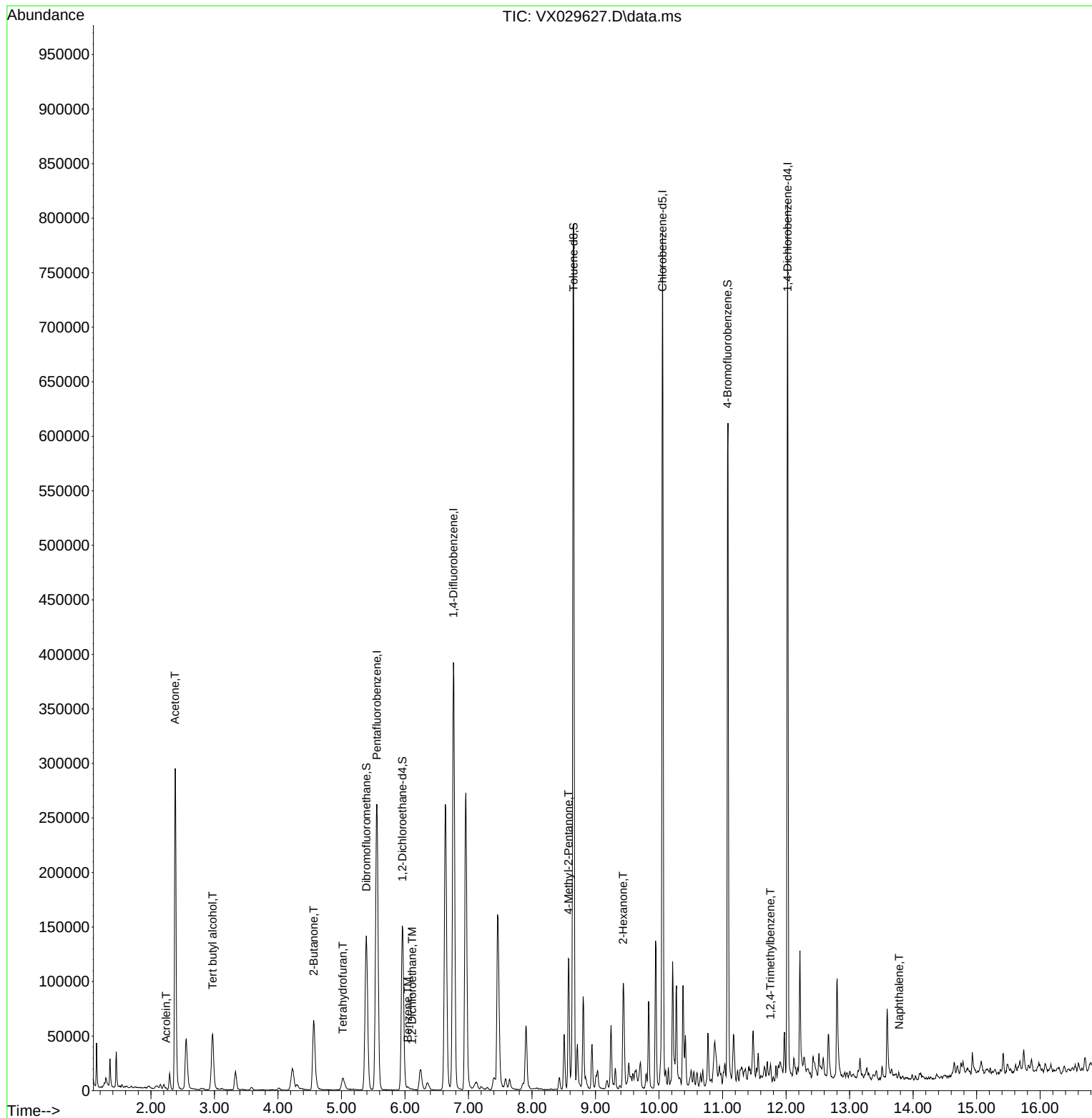
Internal Standards						
1) Pentafluorobenzene	5.556	168	252970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	421375	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	366985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145769	43.531	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.060%
35) Dibromofluoromethane	5.391	113	126249	45.975	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.940%
50) Toluene-d8	8.653	98	484081	48.255	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.500%
62) 4-Bromofluorobenzene	11.079	95	174507	46.128	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	71002	91.429	ug/l	97
13) Acrolein	2.239	56	1184	6.419	ug/l #	56
16) Acetone	2.379	43	313463	234.851	ug/l	99
25) 2-Butanone	4.562	43	109471	51.888	ug/l	98
29) Tetrahydrofuran	5.019	42	2110	1.501	ug/l	89
40) Benzene	6.043	78	2965	0.269	ug/l	98
42) 1,2-Dichloroethane	6.110	62	1208	0.319	ug/l	91
51) 4-Methyl-2-Pentanone	8.573	43	70650	18.503	ug/l	96
59) 2-Hexanone	9.433	43	44901	15.529	ug/l	89
84) 1,2,4-Trimethylbenzene	11.756	105	2721	0.268	ug/l	75
95) Naphthalene	13.780	128	3459	0.306	ug/l #	90

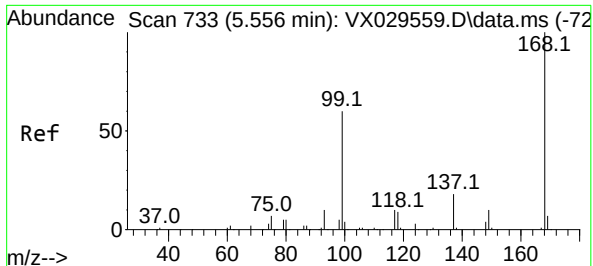
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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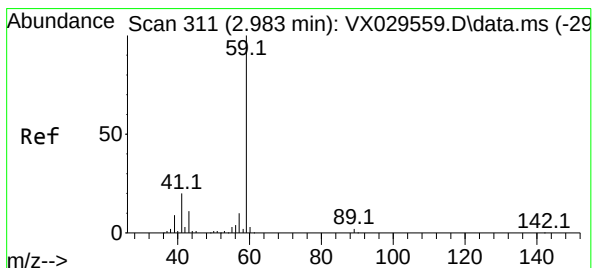
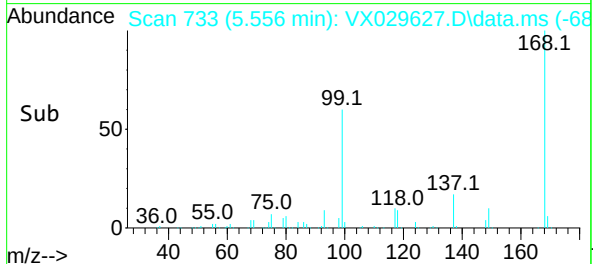
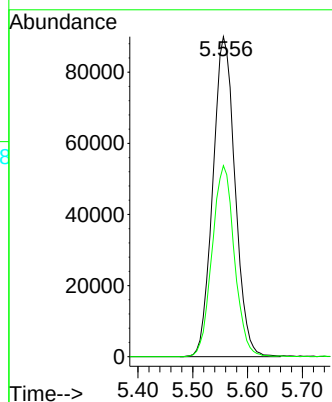
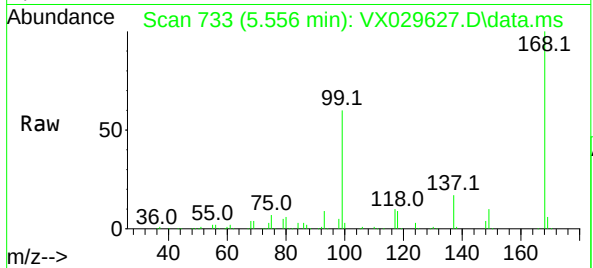




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029627.D
Acq: 20 Jun 2022 16:49

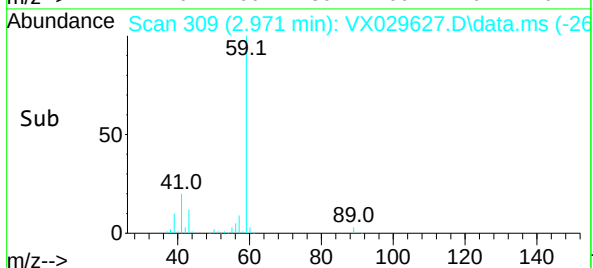
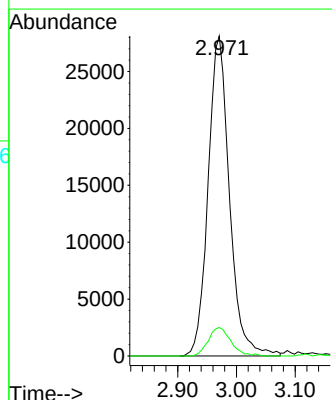
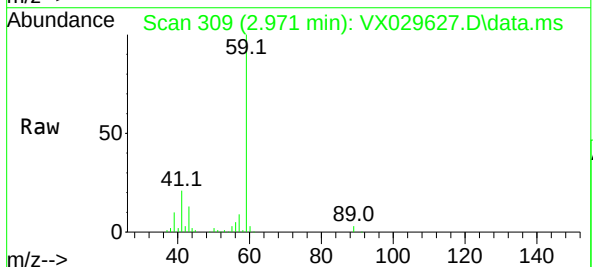
Instrument :
MSVOA_X
ClientSampleId :
M15848

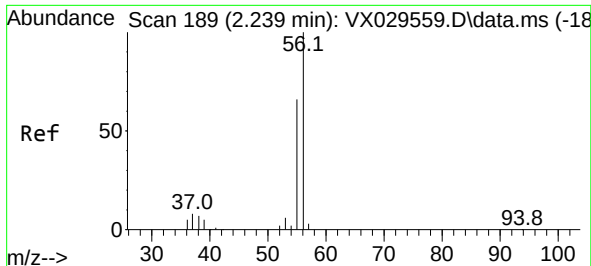
Tgt Ion:168 Resp: 252970
Ion Ratio Lower Upper
168 100
99 59.7 41.7 62.5



#11
Tert butyl alcohol
Concen: 91.429 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX029627.D
Acq: 20 Jun 2022 16:49

Tgt Ion: 59 Resp: 71002
Ion Ratio Lower Upper
59 100
57 9.4 8.3 12.5





#13

Acrolein

Concen: 6.419 ug/l

RT: 2.239 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029627.D

Acq: 20 Jun 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

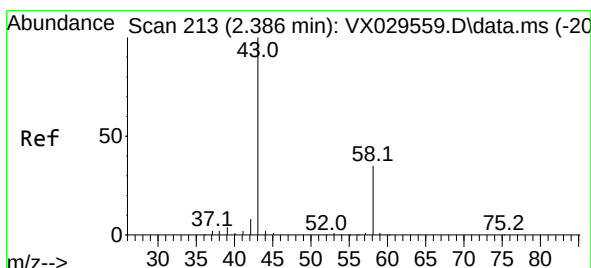
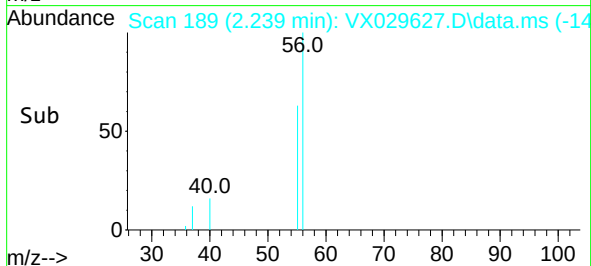
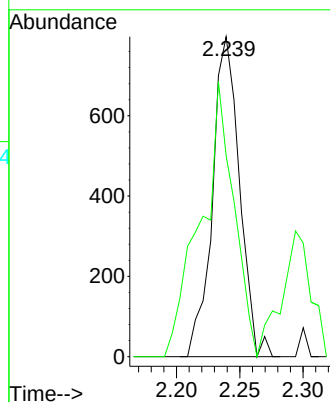
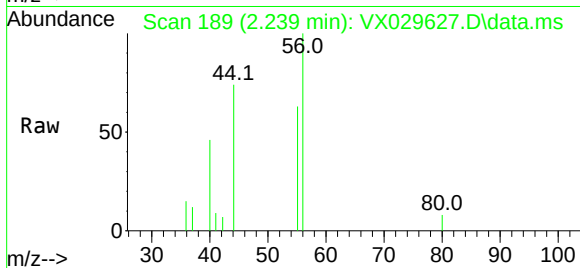
M15848

Tgt Ion: 56 Resp: 1184

Ion Ratio Lower Upper

56 100

55 104.9 55.0 82.6#



#16

Acetone

Concen: 234.851 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.007 min

Lab File: VX029627.D

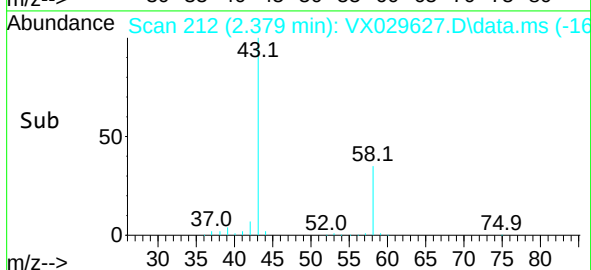
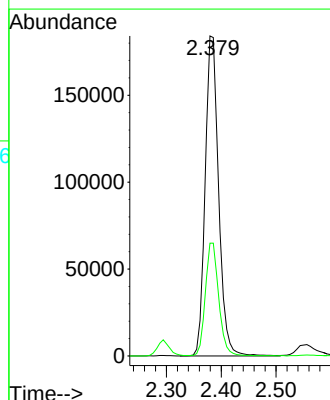
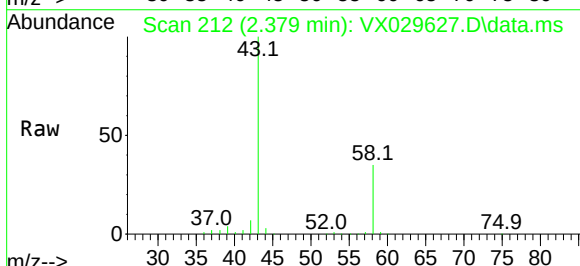
Acq: 20 Jun 2022 16:49

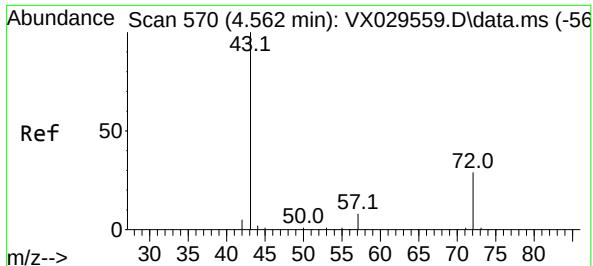
Tgt Ion: 43 Resp: 313463

Ion Ratio Lower Upper

43 100

58 35.2 28.8 43.2





#25

2-Butanone

Concen: 51.888 ug/l

RT: 4.562 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX029627.D

Acq: 20 Jun 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

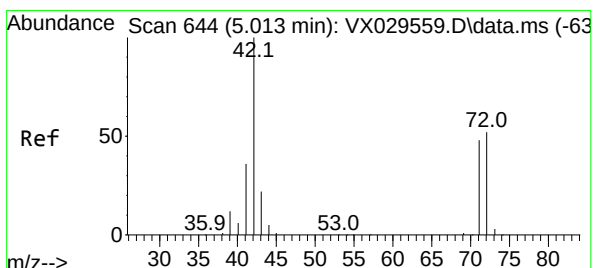
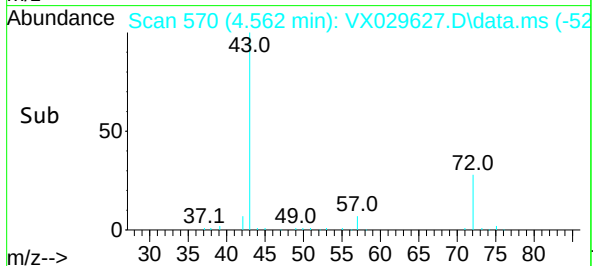
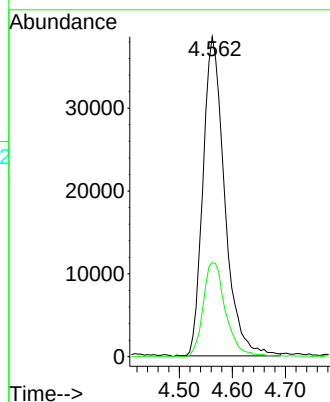
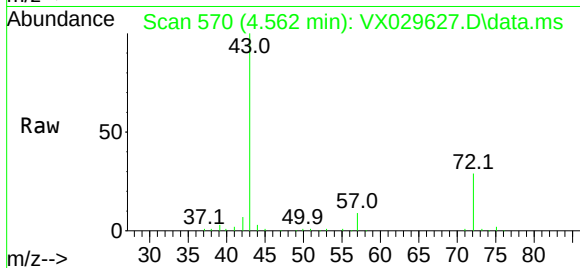
M15848

Tgt Ion: 43 Resp: 109471

Ion Ratio Lower Upper

43 100

72 29.5 24.4 36.6



#29

Tetrahydrofuran

Concen: 1.501 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.006 min

Lab File: VX029627.D

Acq: 20 Jun 2022 16:49

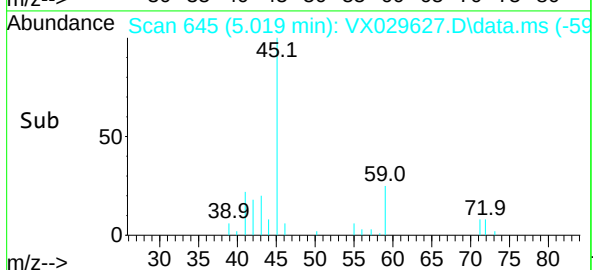
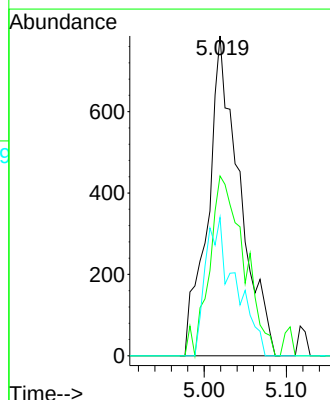
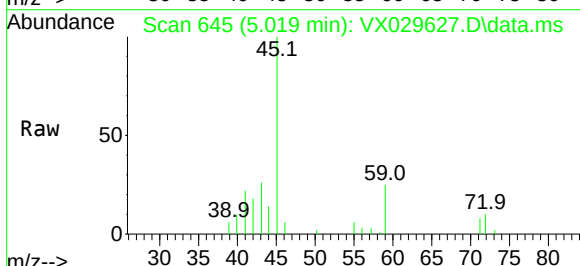
Tgt Ion: 42 Resp: 2110

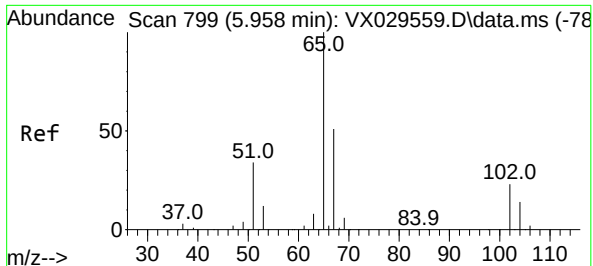
Ion Ratio Lower Upper

42 100

72 61.2 44.1 66.1

71 40.6 40.5 60.7





#33

1,2-Dichloroethane-d4

Concen: 43.531 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029627.D

Acq: 20 Jun 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

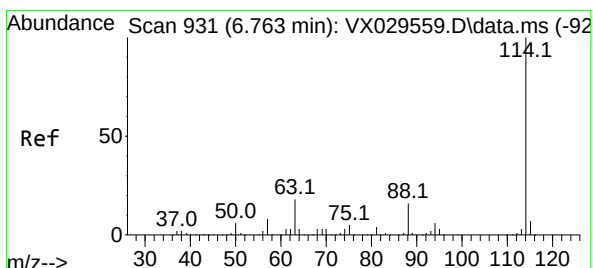
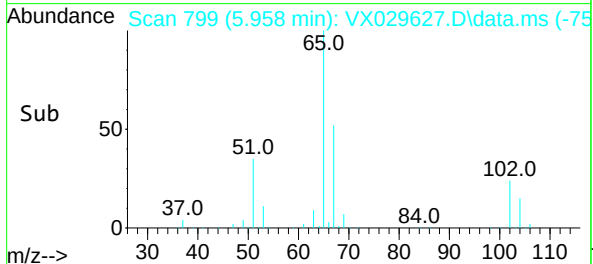
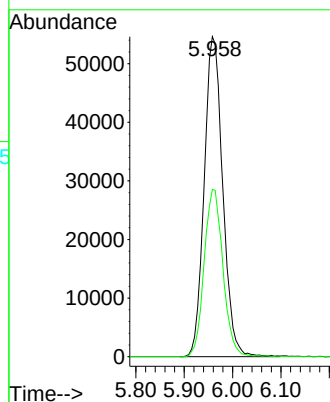
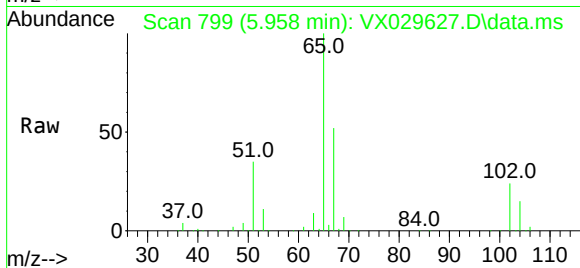
M15848

Tgt Ion: 65 Resp: 145769

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029627.D

Acq: 20 Jun 2022 16:49

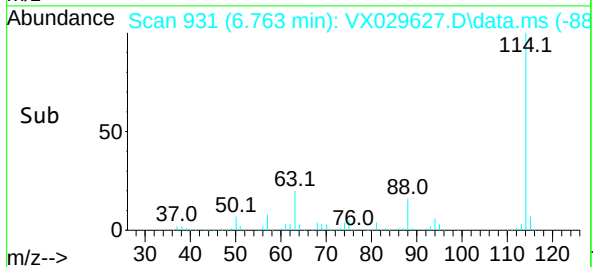
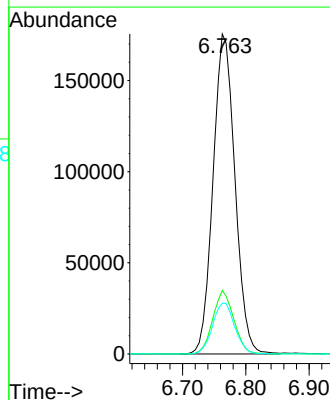
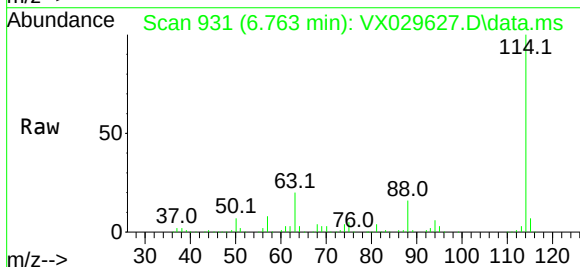
Tgt Ion: 114 Resp: 421375

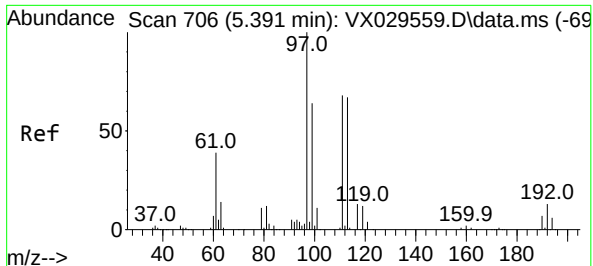
Ion Ratio Lower Upper

114 100

63 19.8 0.0 36.8

88 15.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 45.975 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029627.D

Acq: 20 Jun 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

M15848

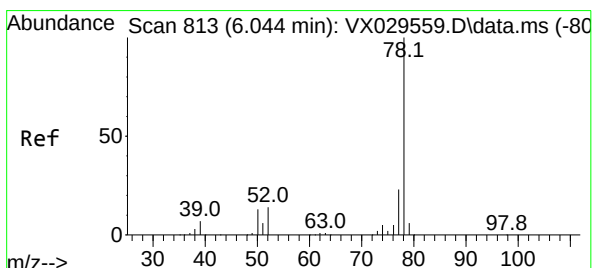
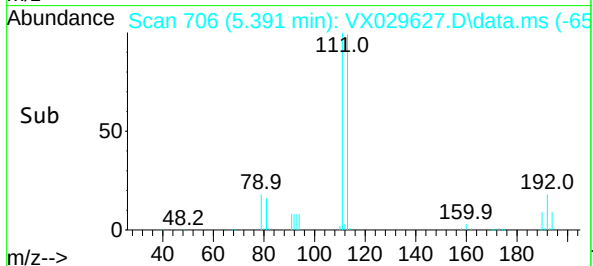
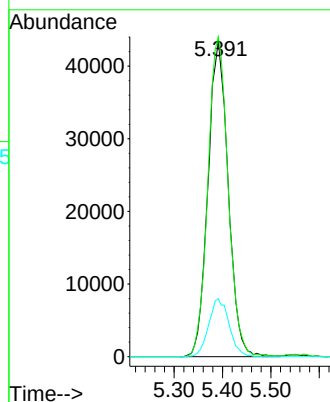
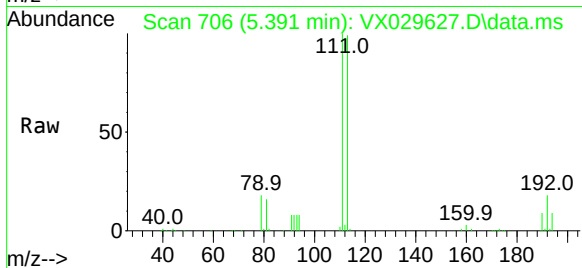
Tgt Ion:113 Resp: 126249

Ion Ratio Lower Upper

113 100

111 101.7 82.8 124.2

192 18.6 16.9 25.3



#40

Benzene

Concen: 0.269 ug/l

RT: 6.043 min Scan# 813

Delta R.T. -0.001 min

Lab File: VX029627.D

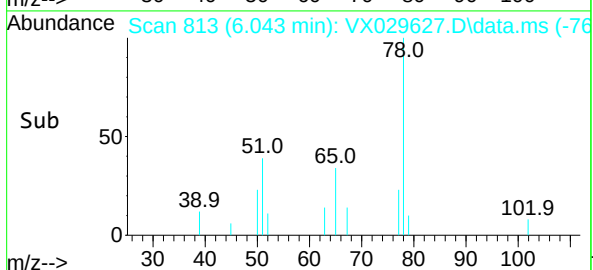
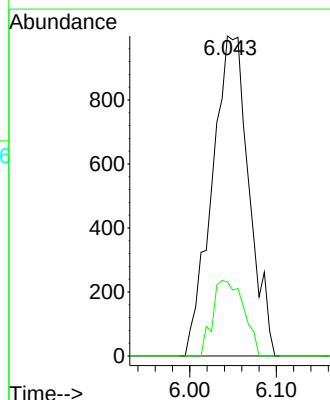
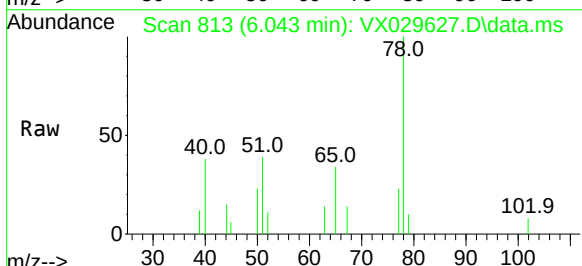
Acq: 20 Jun 2022 16:49

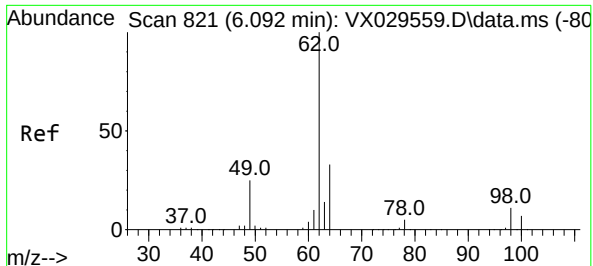
Tgt Ion: 78 Resp: 2965

Ion Ratio Lower Upper

78 100

77 23.1 19.3 28.9





#42

1,2-Dichloroethane

Concen: 0.319 ug/l

RT: 6.110 min Scan# 81

Delta R.T. 0.018 min

Lab File: VX029627.D

Acq: 20 Jun 2022 16:49

Instrument :

MSVOA_X

ClientSampleId :

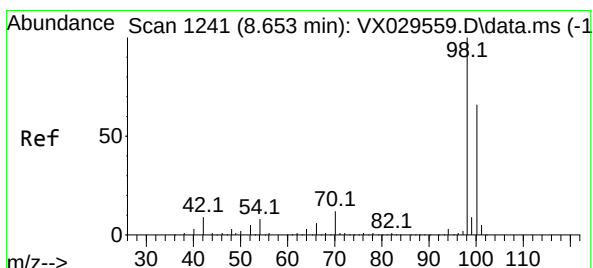
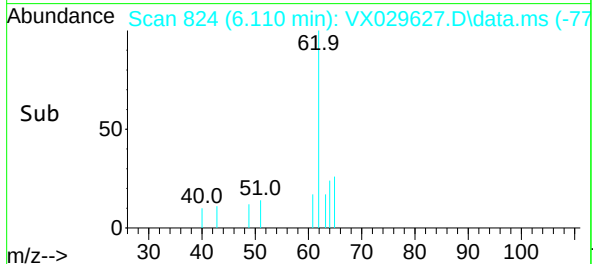
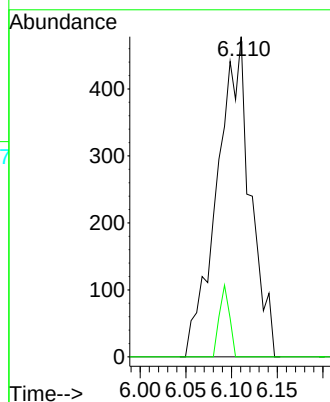
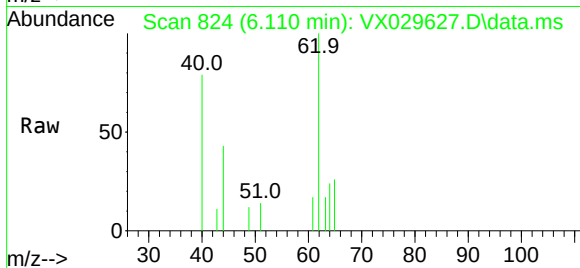
M15848

Tgt Ion: 62 Resp: 1208

Ion Ratio Lower Upper

62 100

98 6.8 0.0 20.4



#50

Toluene-d8

Concen: 48.255 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029627.D

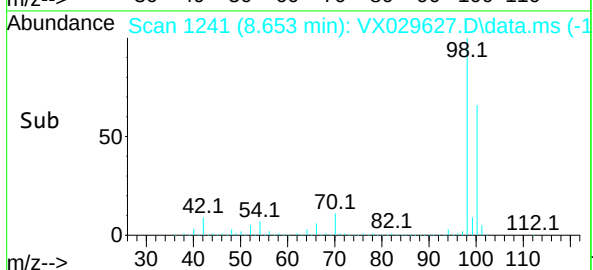
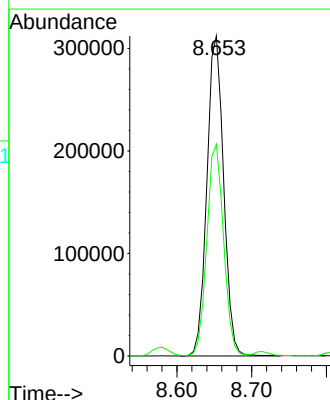
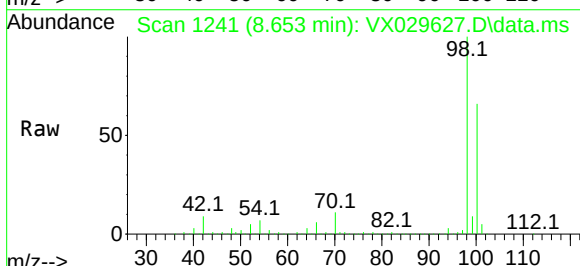
Acq: 20 Jun 2022 16:49

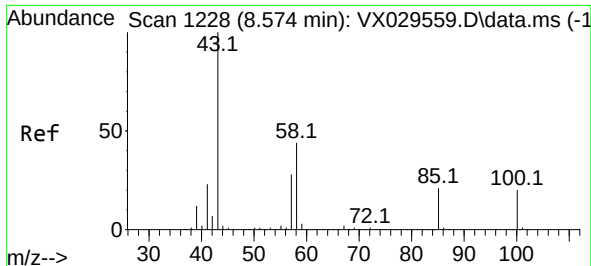
Tgt Ion: 98 Resp: 484081

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8

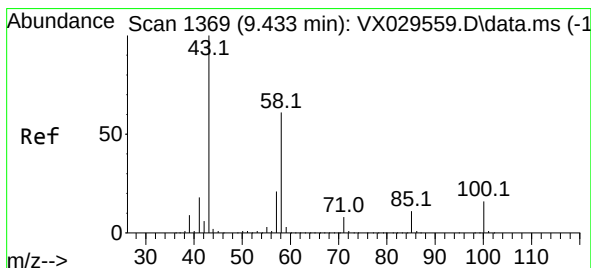
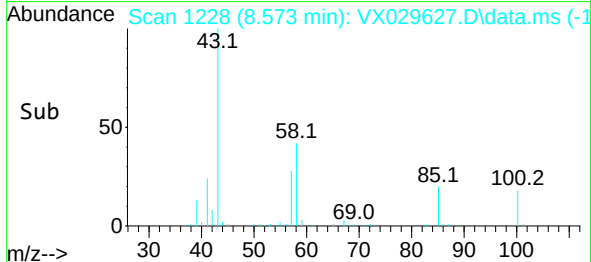
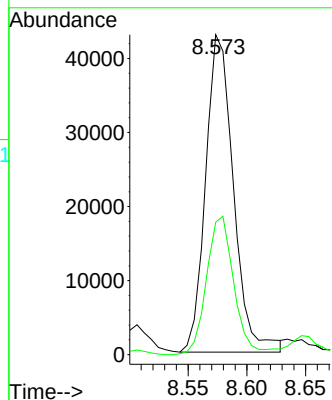
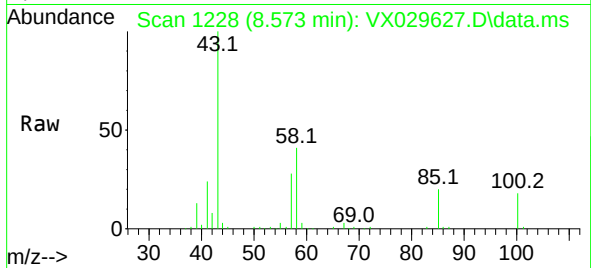




#51
4-Methyl-2-Pentanone
Concen: 18.503 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX029627.D
Acq: 20 Jun 2022 16:49

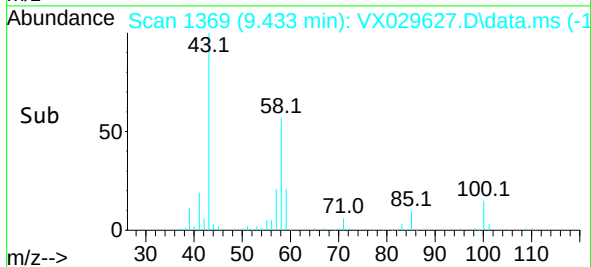
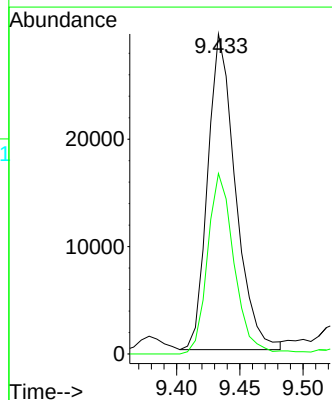
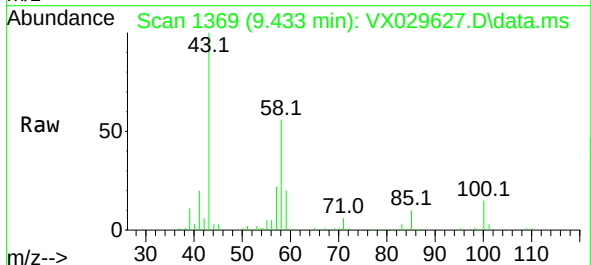
Instrument :
MSVOA_X
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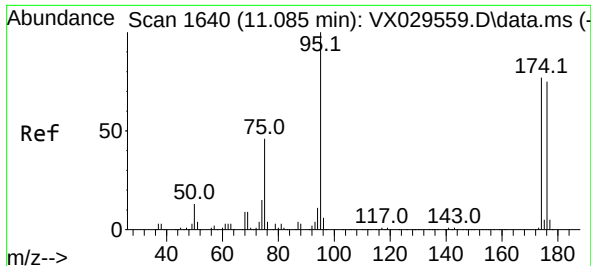
Tgt Ion: 43 Resp: 70650
Ion Ratio Lower Upper
43 100
58 42.4 36.1 54.1



#59
2-Hexanone
Concen: 15.529 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX029627.D
Acq: 20 Jun 2022 16:49

Tgt Ion: 43 Resp: 44901
Ion Ratio Lower Upper
43 100
58 55.0 31.9 95.7

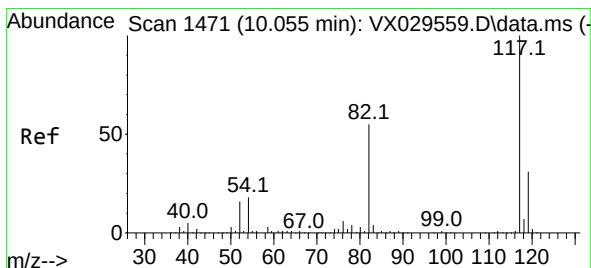
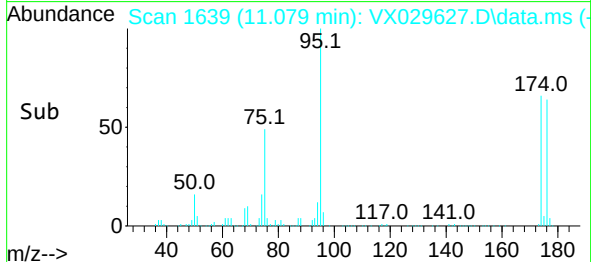
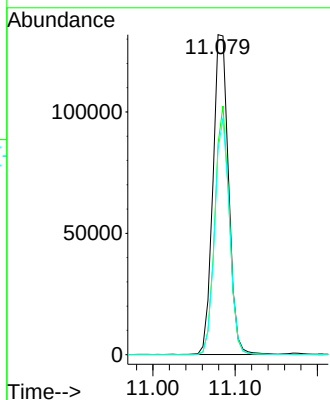
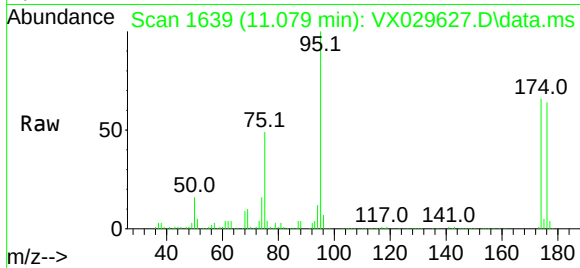




#62
4-Bromofluorobenzene
Concen: 46.128 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029627.D
Acq: 20 Jun 2022 16:49

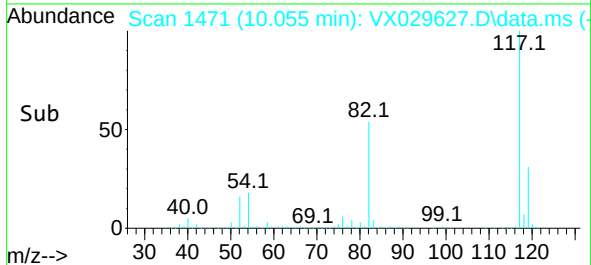
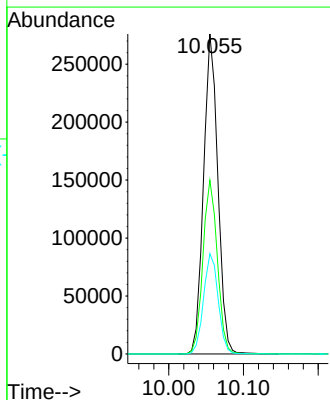
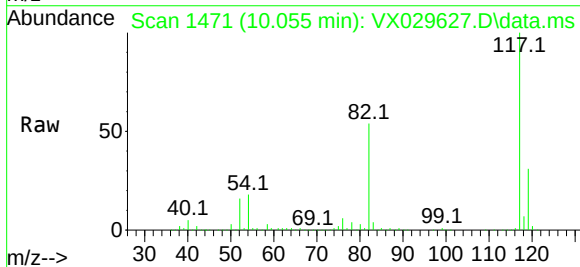
Instrument :
MSVOA_X
ClientSampleId :
M15848

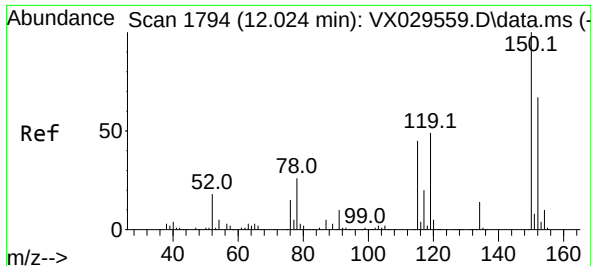
Tgt Ion: 95 Resp: 174507
Ion Ratio Lower Upper
95 100
174 71.9 0.0 163.0
176 70.1 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029627.D
Acq: 20 Jun 2022 16:49

Tgt Ion: 117 Resp: 366985
Ion Ratio Lower Upper
117 100
82 54.3 41.8 62.8
119 31.3 24.8 37.2

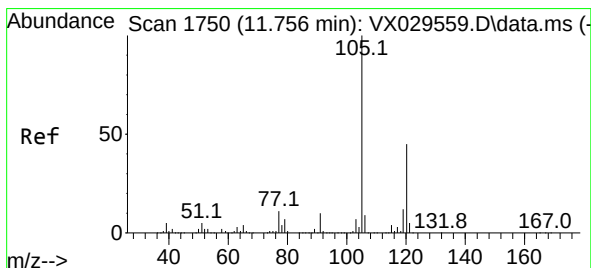
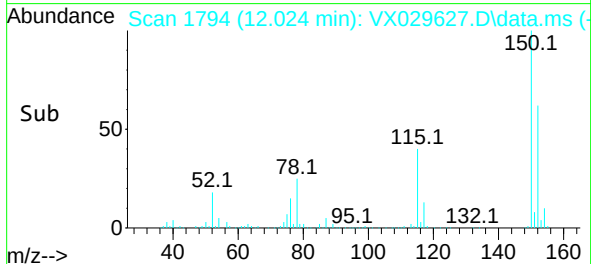
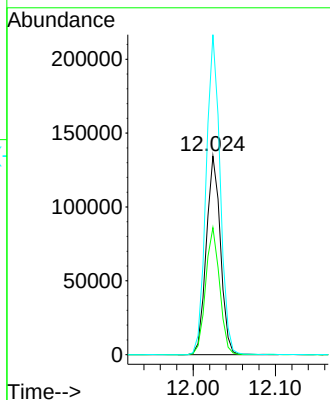
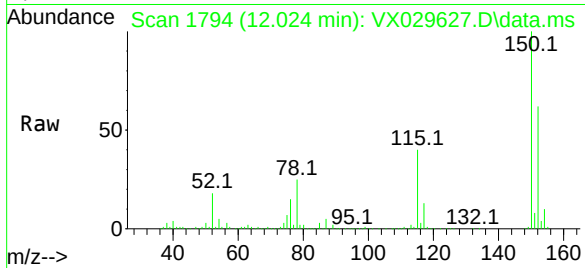




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX029627.D
 Acq: 20 Jun 2022 16:49

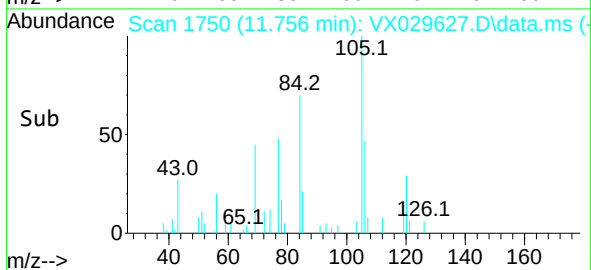
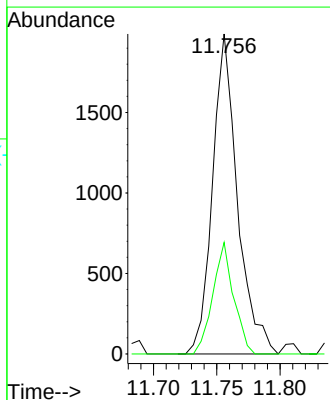
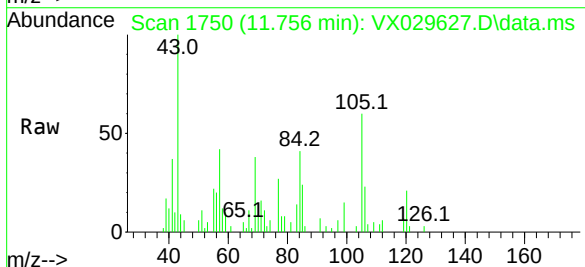
Instrument :
 MSVOA_X
 ClientSampleId :
 M15848

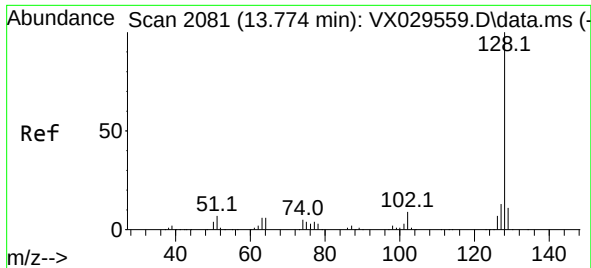
Tgt Ion:152 Resp: 161080
 Ion Ratio Lower Upper
 152 100
 115 62.9 37.5 112.7
 150 159.0 0.0 338.2



#84
 1,2,4-Trimethylbenzene
 Concen: 0.268 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. -0.000 min
 Lab File: VX029627.D
 Acq: 20 Jun 2022 16:49

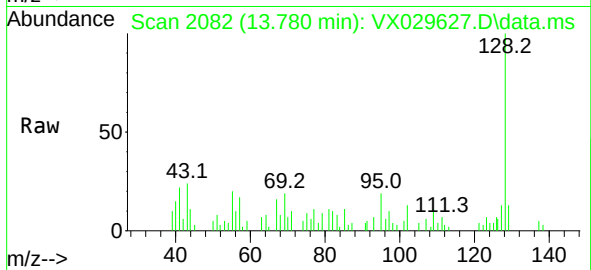
Tgt Ion:105 Resp: 2721
 Ion Ratio Lower Upper
 105 100
 120 29.0 22.6 67.8





#95
Naphthalene
Concen: 0.306 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029627.D
Acq: 20 Jun 2022 16:49

Instrument :
MSVOA_X
ClientSampleId :
M15848



Tgt Ion	Ratio	Lower	Upper
128	100		
127	17.5	10.2	15.4#
129	14.0	8.7	13.1#

