

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120622\
 Data File : VX033270.D
 Acq On : 06 Dec 2022 19:41
 Operator : JC/MD
 Sample : N5859-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31910

Quant Time: Dec 07 01:36:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

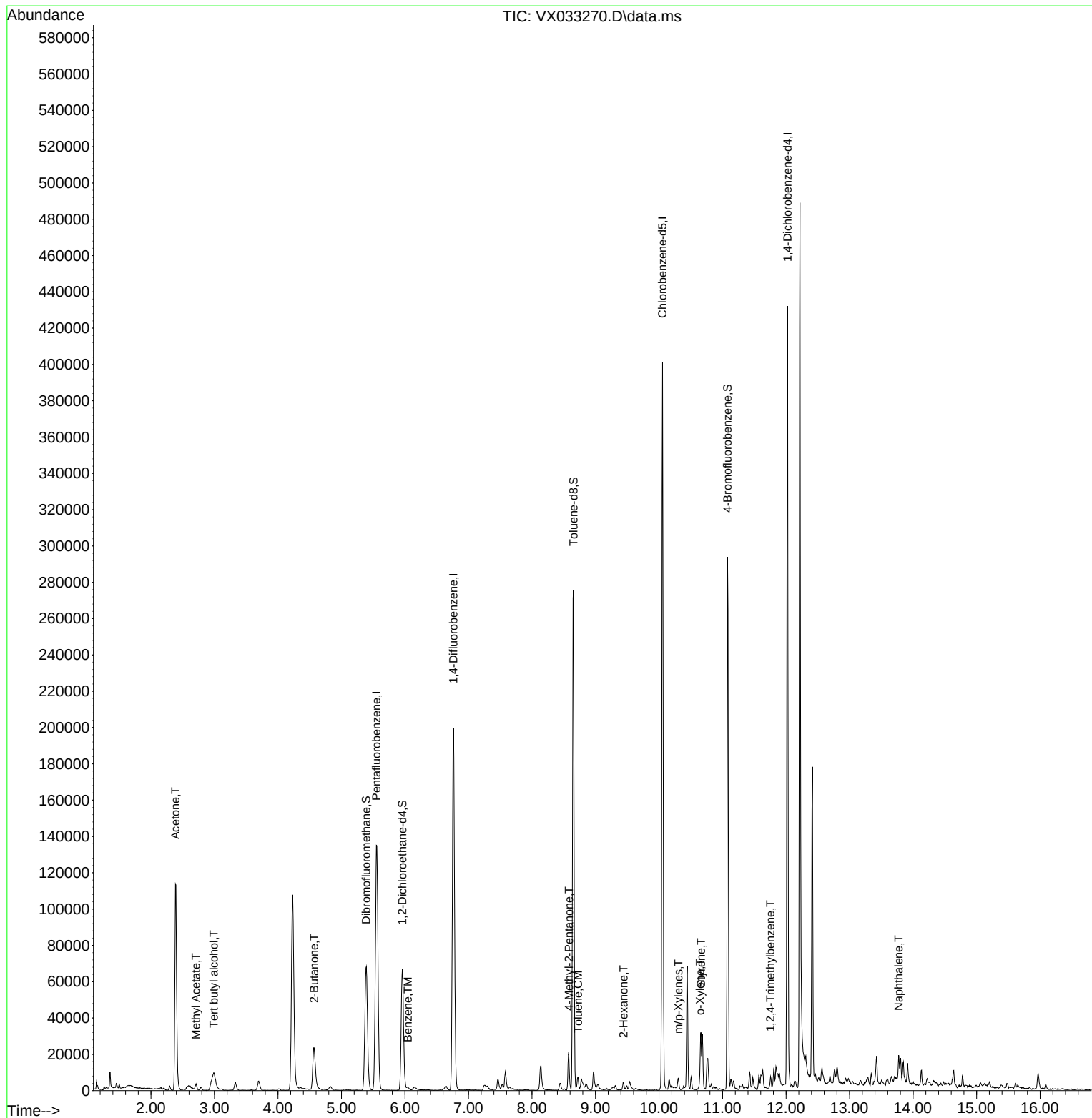
Internal Standards						
1) Pentafluorobenzene	5.550	168	131707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206504	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	182390	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	87466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	67577	52.676	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.360%	
35) Dibromofluoromethane	5.385	113	60881	52.295	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.580%	
50) Toluene-d8	8.653	98	168295	47.957	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.920%	
62) 4-Bromofluorobenzene	11.079	95	75511	49.377	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.989	59	19498	95.897	ug/l	100
16) Acetone	2.386	43	141645	236.464	ug/l	99
18) Methyl Acetate	2.709	43	4045	2.439	ug/l	95
25) 2-Butanone	4.568	43	41088	49.744	ug/l	99
40) Benzene	6.044	78	2135	0.409	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	12076	7.286	ug/l	97
52) Toluene	8.726	92	2632	0.767	ug/l	93
59) 2-Hexanone	9.439	43	2513	2.053	ug/l	96
68) m/p-Xylenes	10.305	106	1487	0.589	ug/l	94
69) o-Xylene	10.646	106	811	0.332	ug/l	98
70) Styrene	10.659	104	12290	3.074	ug/l	92
84) 1,2,4-Trimethylbenzene	11.756	105	1918	0.366	ug/l	89
95) Naphthalene	13.774	128	9415	1.683	ug/l	100

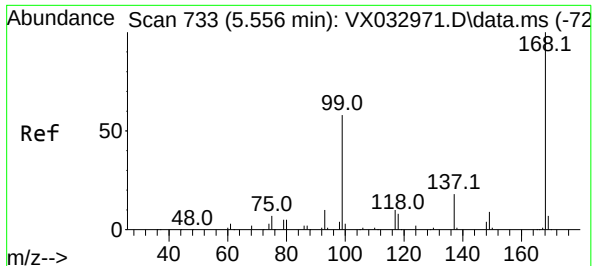
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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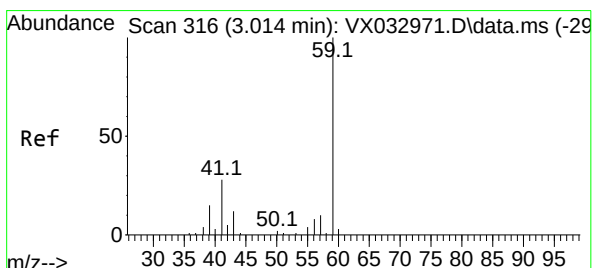
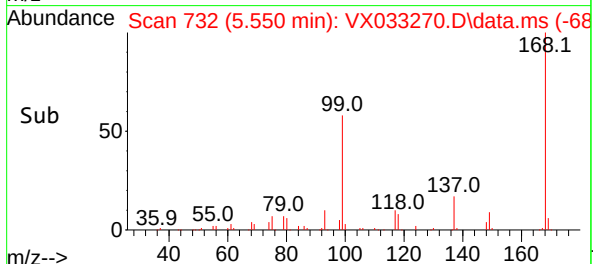
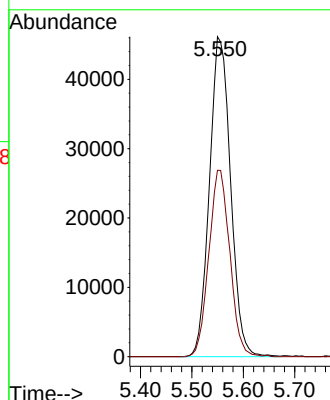
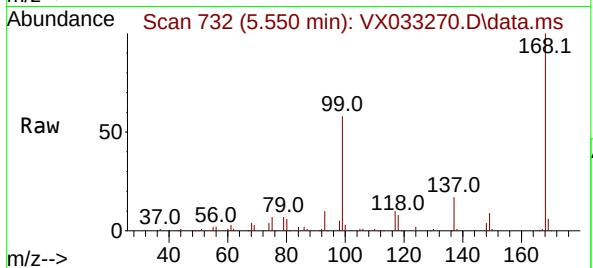




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX033270.D
Acq: 06 Dec 2022 19:41

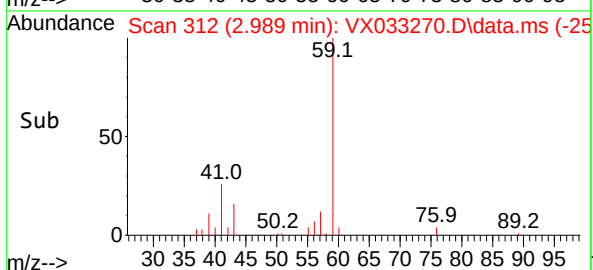
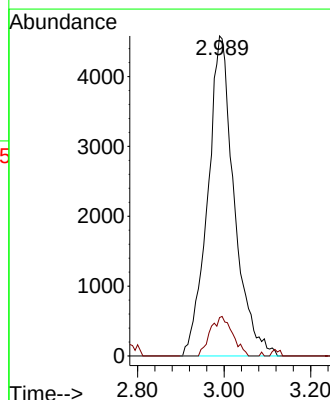
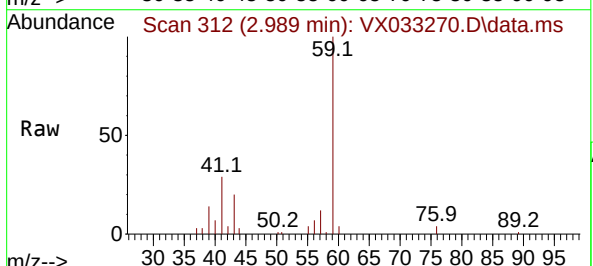
Instrument :
MSVOA_X
ClientSampleId :
31910

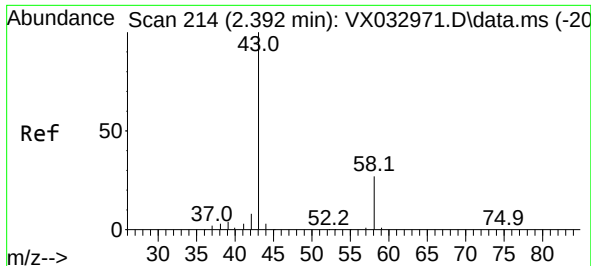
Tgt Ion:168 Resp: 131707
Ion Ratio Lower Upper
168 100
99 58.3 46.1 69.1



#11
Tert butyl alcohol
Concen: 95.897 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.024 min
Lab File: VX033270.D
Acq: 06 Dec 2022 19:41

Tgt Ion: 59 Resp: 19498
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

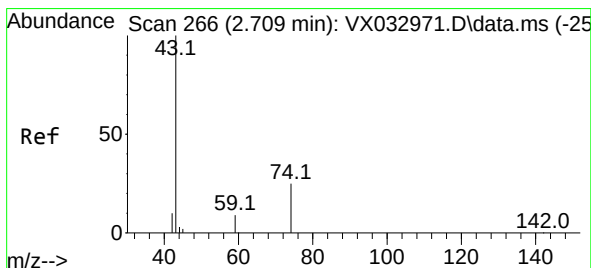
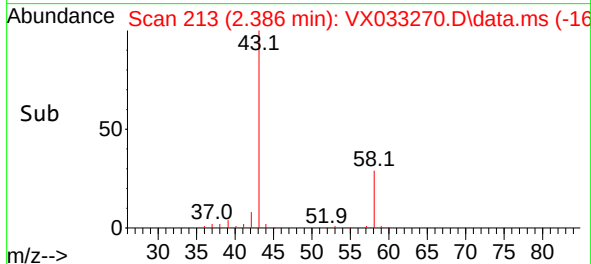
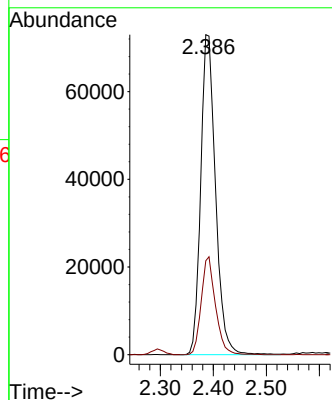
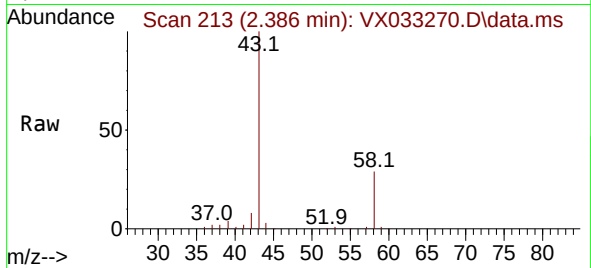




#16
Acetone
Concen: 236.464 ug/l
RT: 2.386 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX033270.D
Acq: 06 Dec 2022 19:41

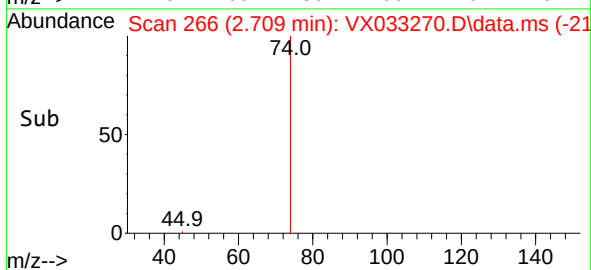
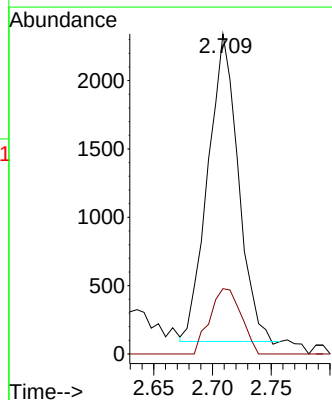
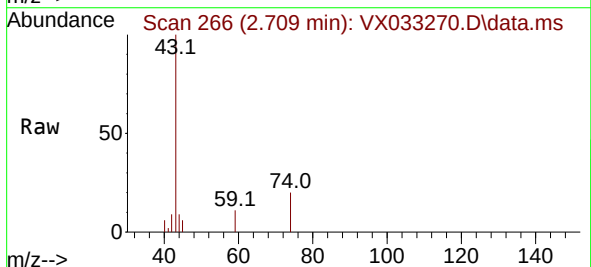
Instrument :
MSVOA_X
ClientSampleId :
31910

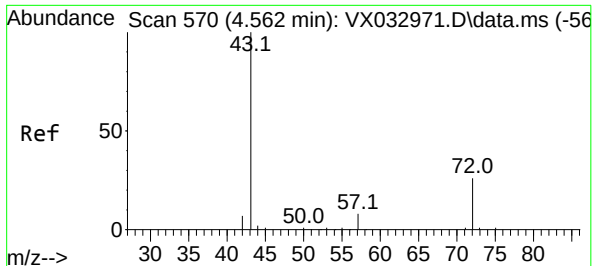
Tgt Ion: 43 Resp: 141645
Ion Ratio Lower Upper
43 100
58 29.4 23.8 35.8



#18
Methyl Acetate
Concen: 2.439 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX033270.D
Acq: 06 Dec 2022 19:41

Tgt Ion: 43 Resp: 4045
Ion Ratio Lower Upper
43 100
74 21.8 19.4 29.0





#25

2-Butanone

Concen: 49.744 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX033270.D

Acq: 06 Dec 2022 19:41

Instrument :

MSVOA_X

ClientSampleId :

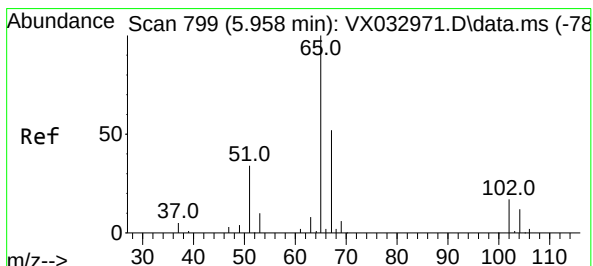
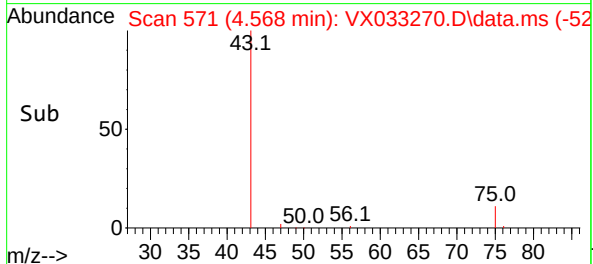
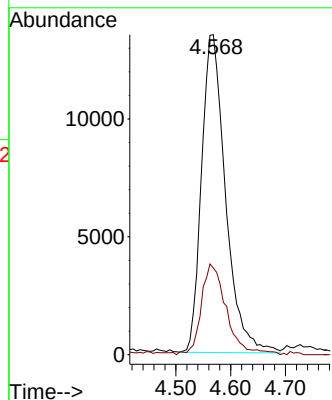
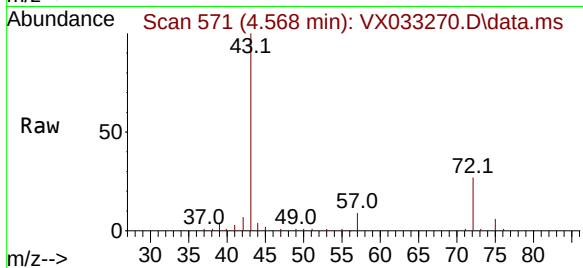
31910

Tgt Ion: 43 Resp: 41088

Ion Ratio Lower Upper

43 100

72 27.3 22.2 33.2



#33

1,2-Dichloroethane-d4

Concen: 52.676 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033270.D

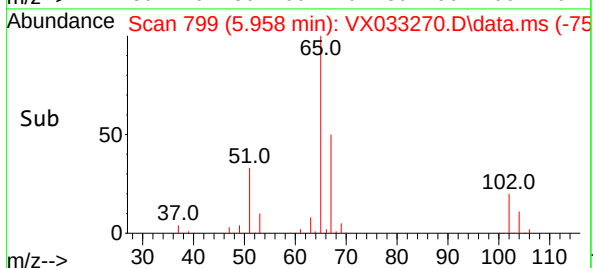
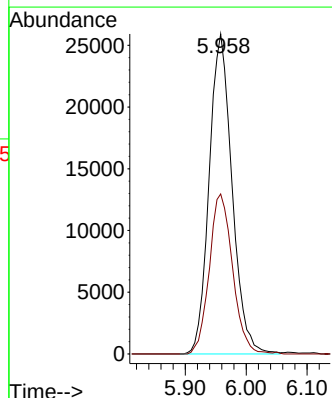
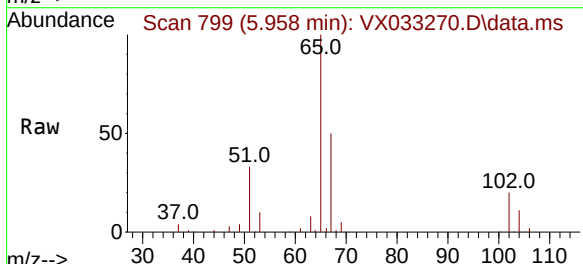
Acq: 06 Dec 2022 19:41

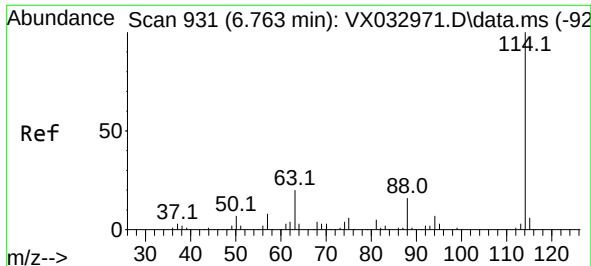
Tgt Ion: 65 Resp: 67577

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.8

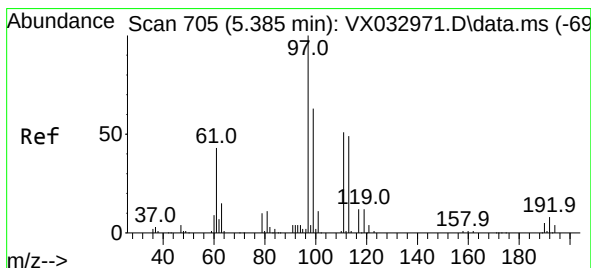
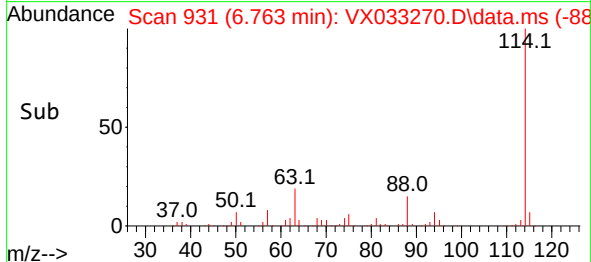
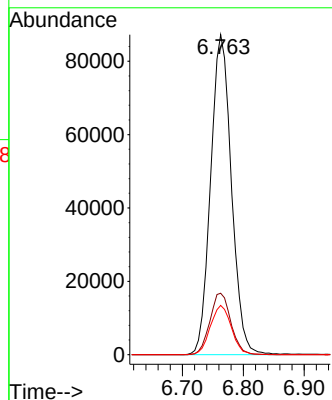
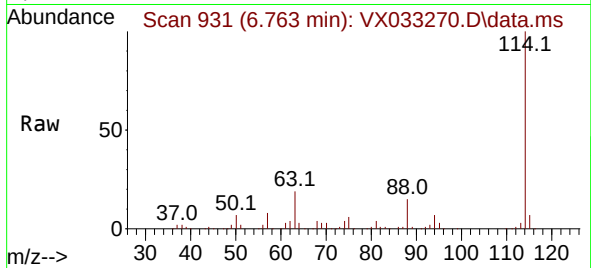




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033270.D
Acq: 06 Dec 2022 19:41

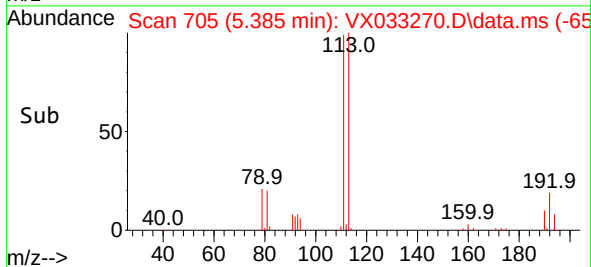
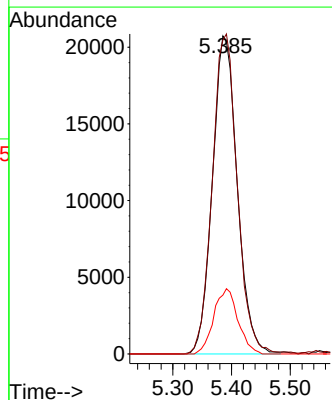
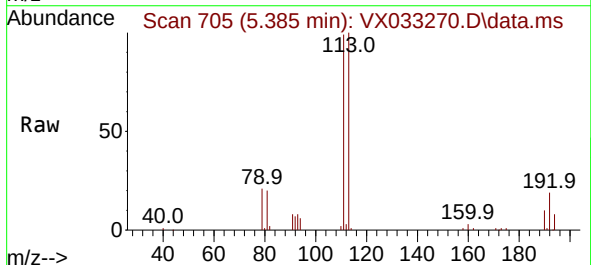
Instrument :
MSVOA_X
ClientSampleId :
31910

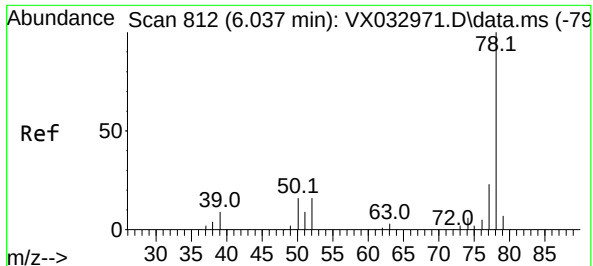
Tgt Ion:114 Resp: 206504
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 52.295 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033270.D
Acq: 06 Dec 2022 19:41

Tgt Ion:113 Resp: 60881
Ion Ratio Lower Upper
113 100
111 101.1 82.4 123.6
192 19.9 15.4 23.2

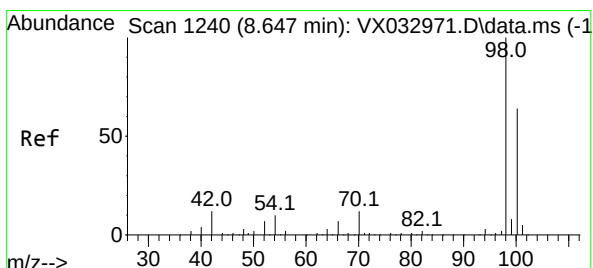
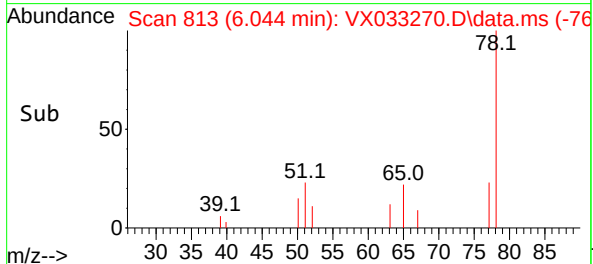
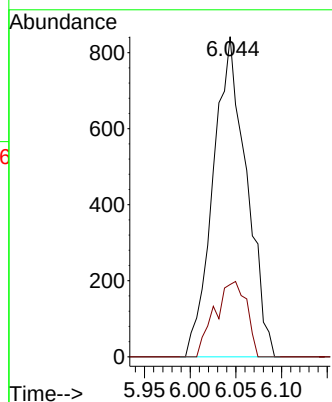
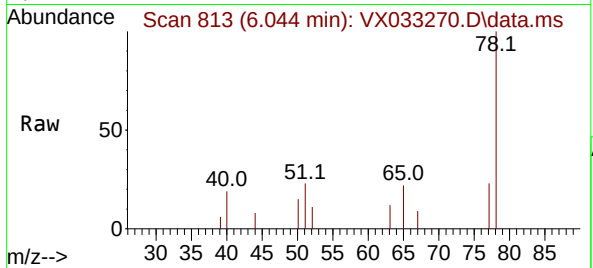




#40
Benzene
Concen: 0.409 ug/l
RT: 6.044 min Scan# 812
Delta R.T. 0.007 min
Lab File: VX033270.D
Acq: 06 Dec 2022 19:41

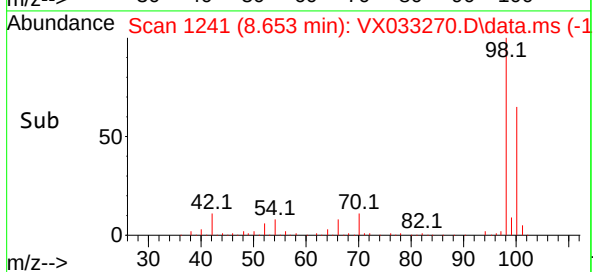
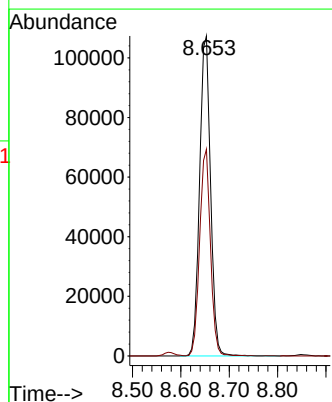
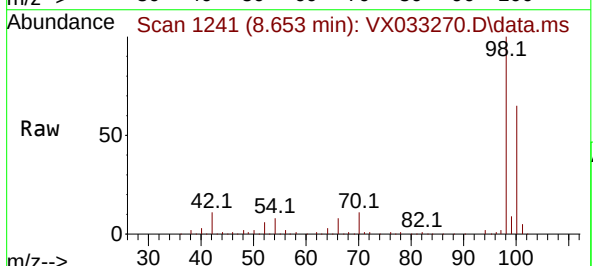
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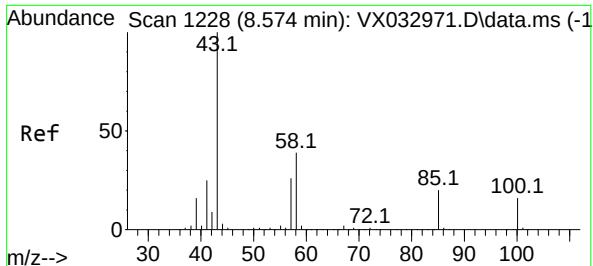
Tgt Ion: 78 Resp: 2135
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.4



#50
Toluene-d8
Concen: 47.957 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX033270.D
Acq: 06 Dec 2022 19:41

Tgt Ion: 98 Resp: 168295
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3

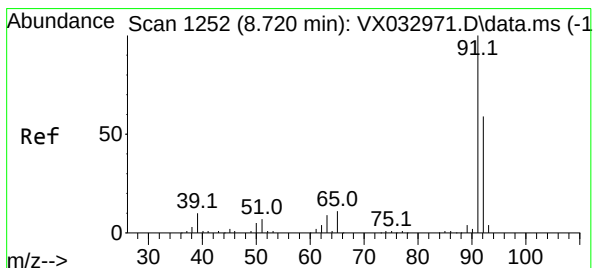
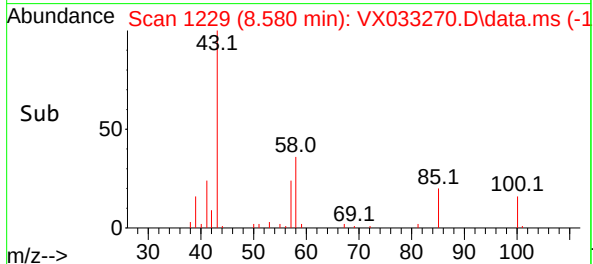
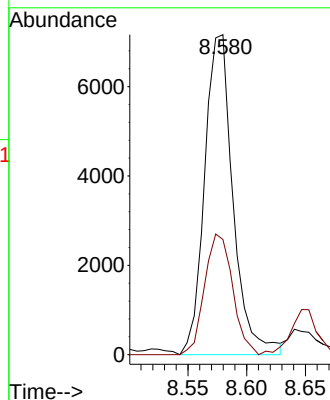
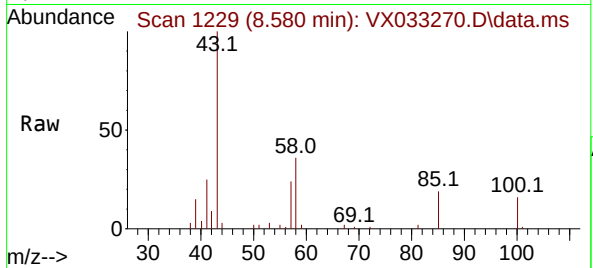




#51
4-Methyl-2-Pentanone
Concen: 7.286 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX033270.D
Acq: 06 Dec 2022 19:41

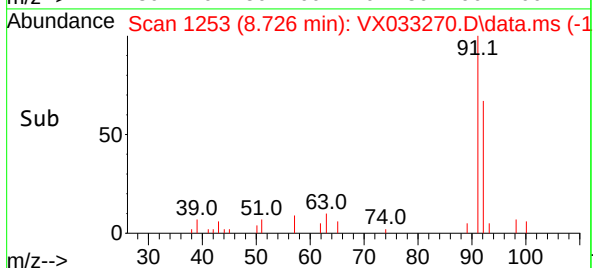
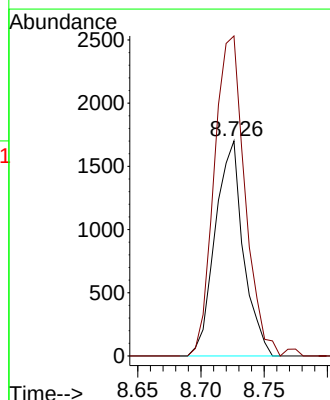
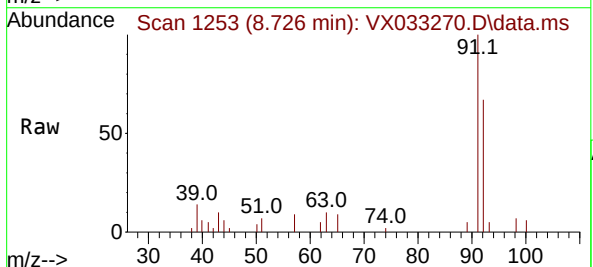
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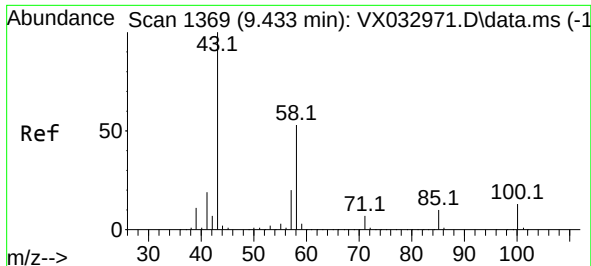
Tgt Ion: 43 Resp: 12076
Ion Ratio Lower Upper
43 100
58 37.0 30.9 46.3



#52
Toluene
Concen: 0.767 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX033270.D
Acq: 06 Dec 2022 19:41

Tgt Ion: 92 Resp: 2632
Ion Ratio Lower Upper
92 100
91 163.4 138.3 207.5





#59

2-Hexanone

Concen: 2.053 ug/l

RT: 9.439 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX033270.D

Acq: 06 Dec 2022 19:41

Instrument :

MSVOA_X

ClientSampleId :

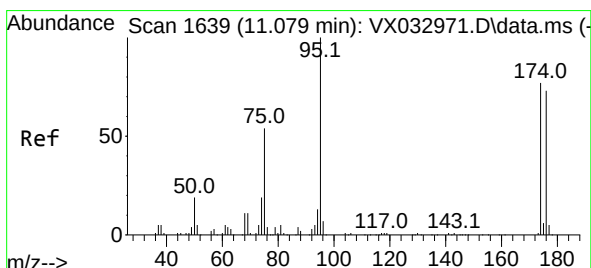
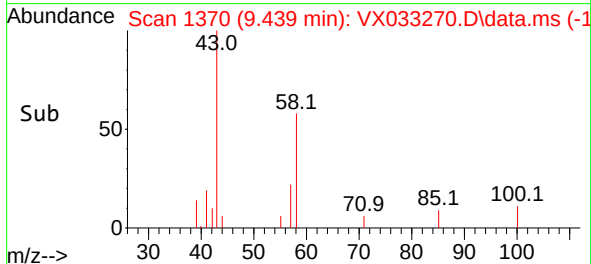
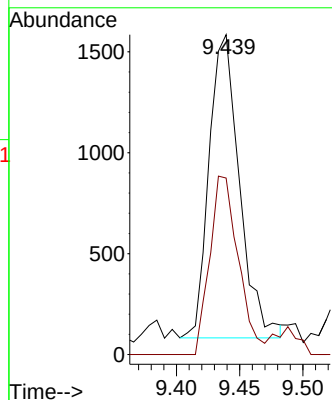
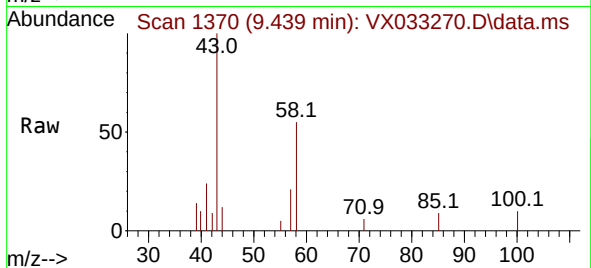
31910

Tgt Ion: 43 Resp: 2513

Ion Ratio Lower Upper

43 100

58 55.6 26.5 79.5



#62

4-Bromofluorobenzene

Concen: 49.377 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033270.D

Acq: 06 Dec 2022 19:41

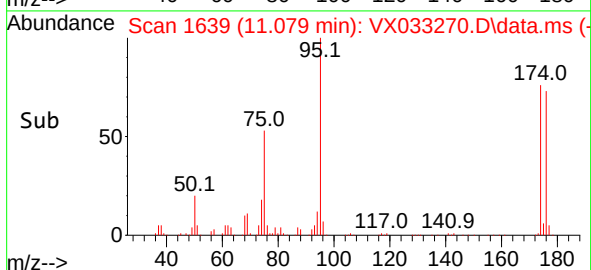
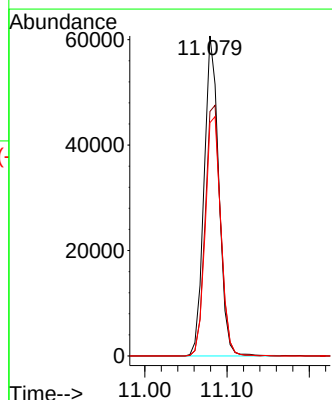
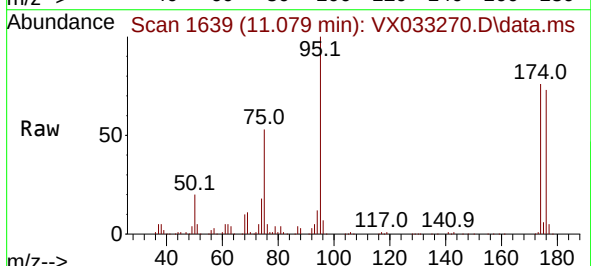
Tgt Ion: 95 Resp: 75511

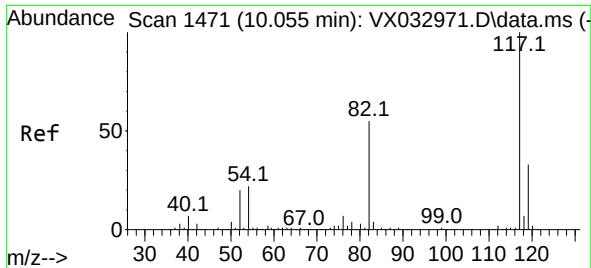
Ion Ratio Lower Upper

95 100

174 82.1 0.0 164.0

176 79.1 0.0 154.4

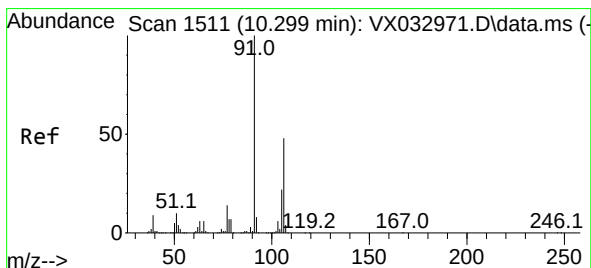
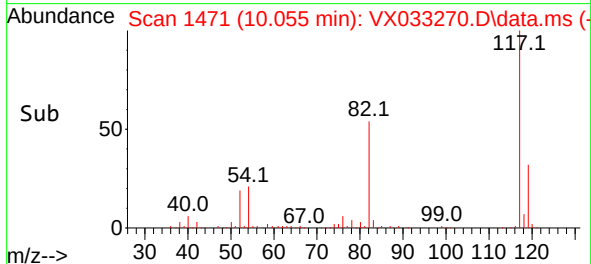
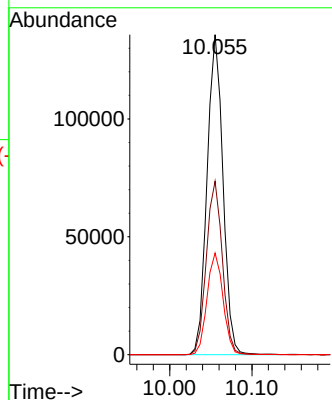
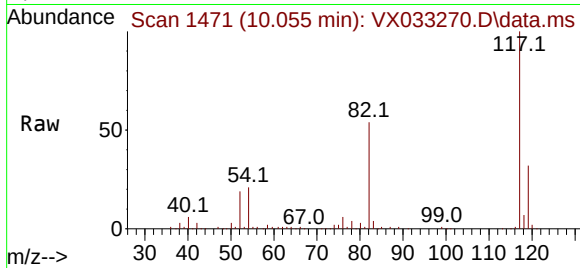




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033270.D
Acq: 06 Dec 2022 19:41

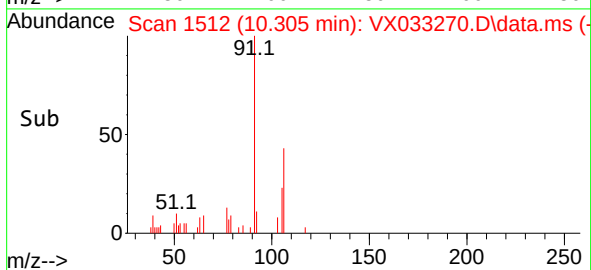
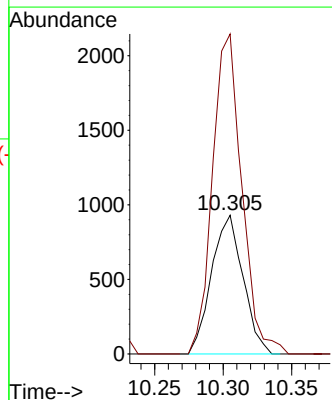
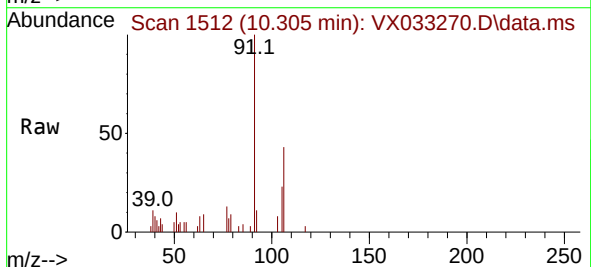
Instrument :
MSVOA_X
ClientSampleId :
31910

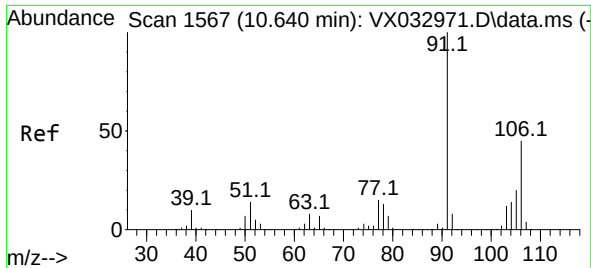
Tgt Ion:117 Resp: 182390
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 31.7 25.7 38.5



#68
m/p-Xylenes
Concen: 0.589 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX033270.D
Acq: 06 Dec 2022 19:41

Tgt Ion:106 Resp: 1487
Ion Ratio Lower Upper
106 100
91 214.9 164.5 246.7

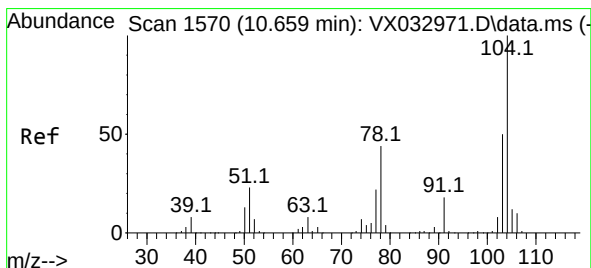
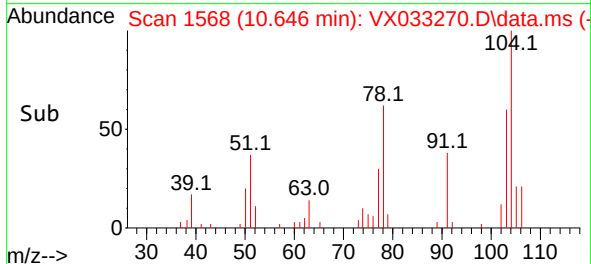
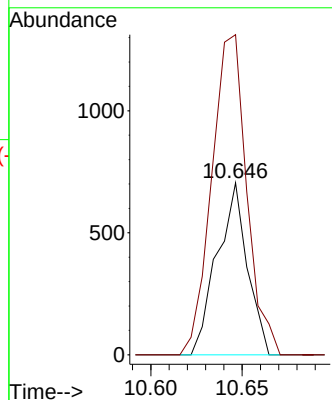
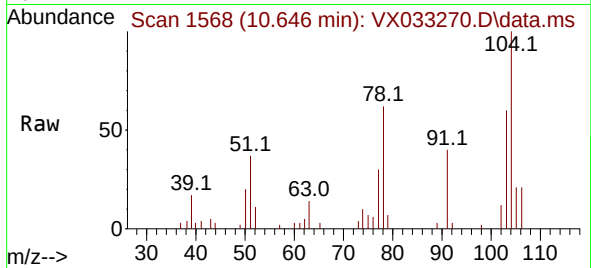




#69
o-Xylene
Concen: 0.332 ug/l
RT: 10.646 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VX033270.D
Acq: 06 Dec 2022 19:41

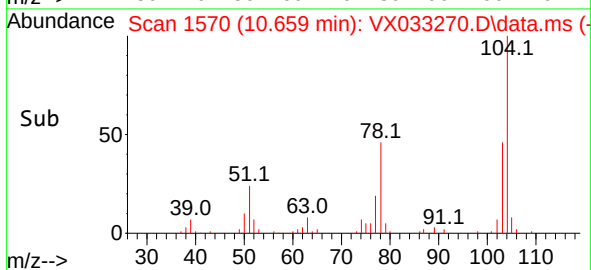
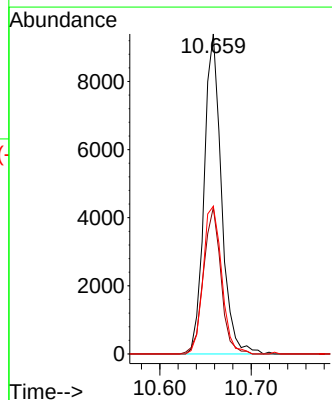
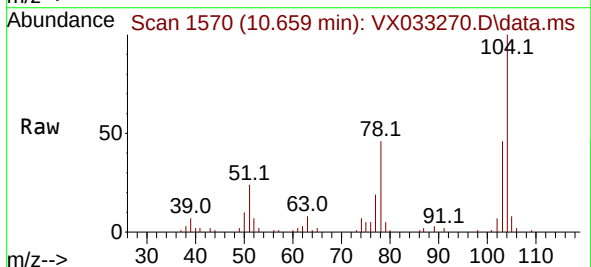
Instrument :
MSVOA_X
ClientSampleId :
31910

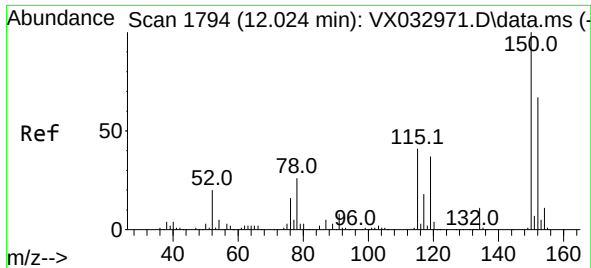
Tgt Ion:106 Resp: 811
Ion Ratio Lower Upper
106 100
91 215.9 109.2 327.6



#70
Styrene
Concen: 3.074 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX033270.D
Acq: 06 Dec 2022 19:41

Tgt Ion:104 Resp: 12290
Ion Ratio Lower Upper
104 100
78 46.4 41.8 62.8
103 49.7 44.5 66.7

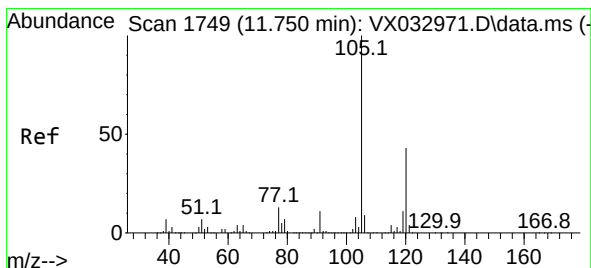
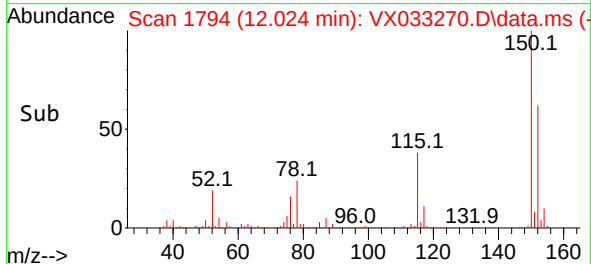
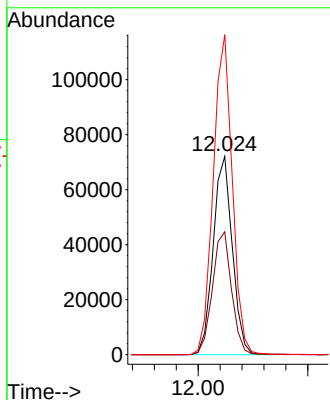
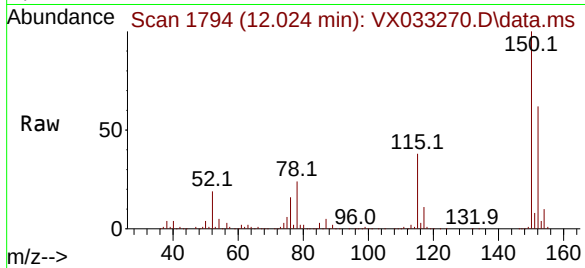




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX033270.D
 Acq: 06 Dec 2022 19:41

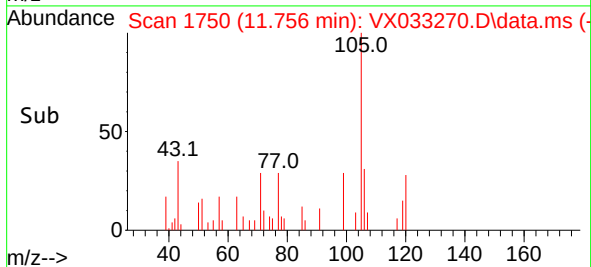
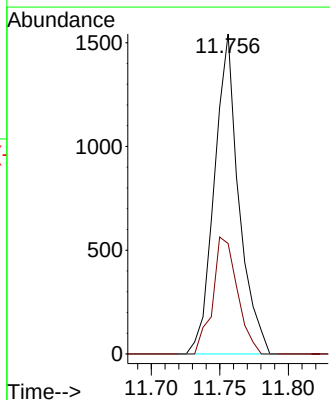
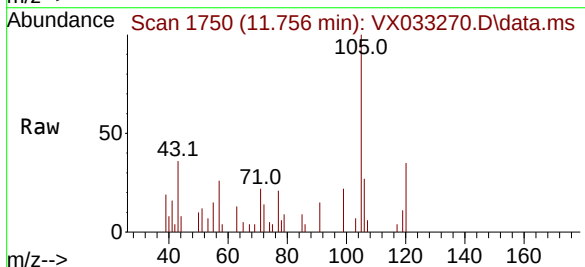
Instrument :
 MSVOA_X
 ClientSampleId :
 31910

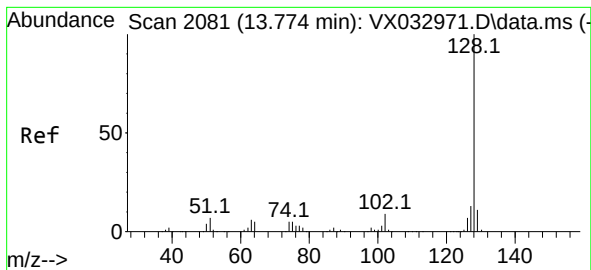
Tgt Ion:152 Resp: 87466
 Ion Ratio Lower Upper
 152 100
 115 62.2 44.0 132.0
 150 160.5 0.0 351.8



#84
 1,2,4-Trimethylbenzene
 Concen: 0.366 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX033270.D
 Acq: 06 Dec 2022 19:41

Tgt Ion:105 Resp: 1918
 Ion Ratio Lower Upper
 105 100
 120 36.7 21.9 65.5





#95

Naphthalene

Concen: 1.683 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.006 min

Lab File: VX033270.D

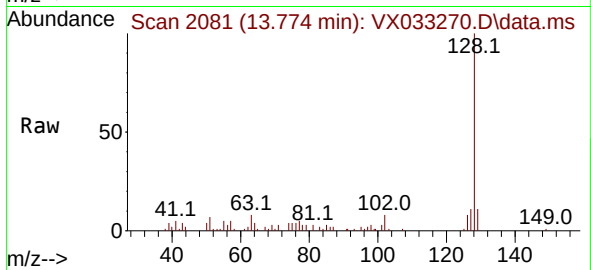
Acq: 06 Dec 2022 19:41

Instrument :

MSVOA_X

ClientSampleId :

31910



Tgt Ion:	128	Resp:	9415
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.2	8.9	13.3

