

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122022\
 Data File : VX033515.D
 Acq On : 20 Dec 2022 17:58
 Operator : JC/MD
 Sample : N6149-06 400X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WANA-1

Quant Time: Dec 21 04:16:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

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

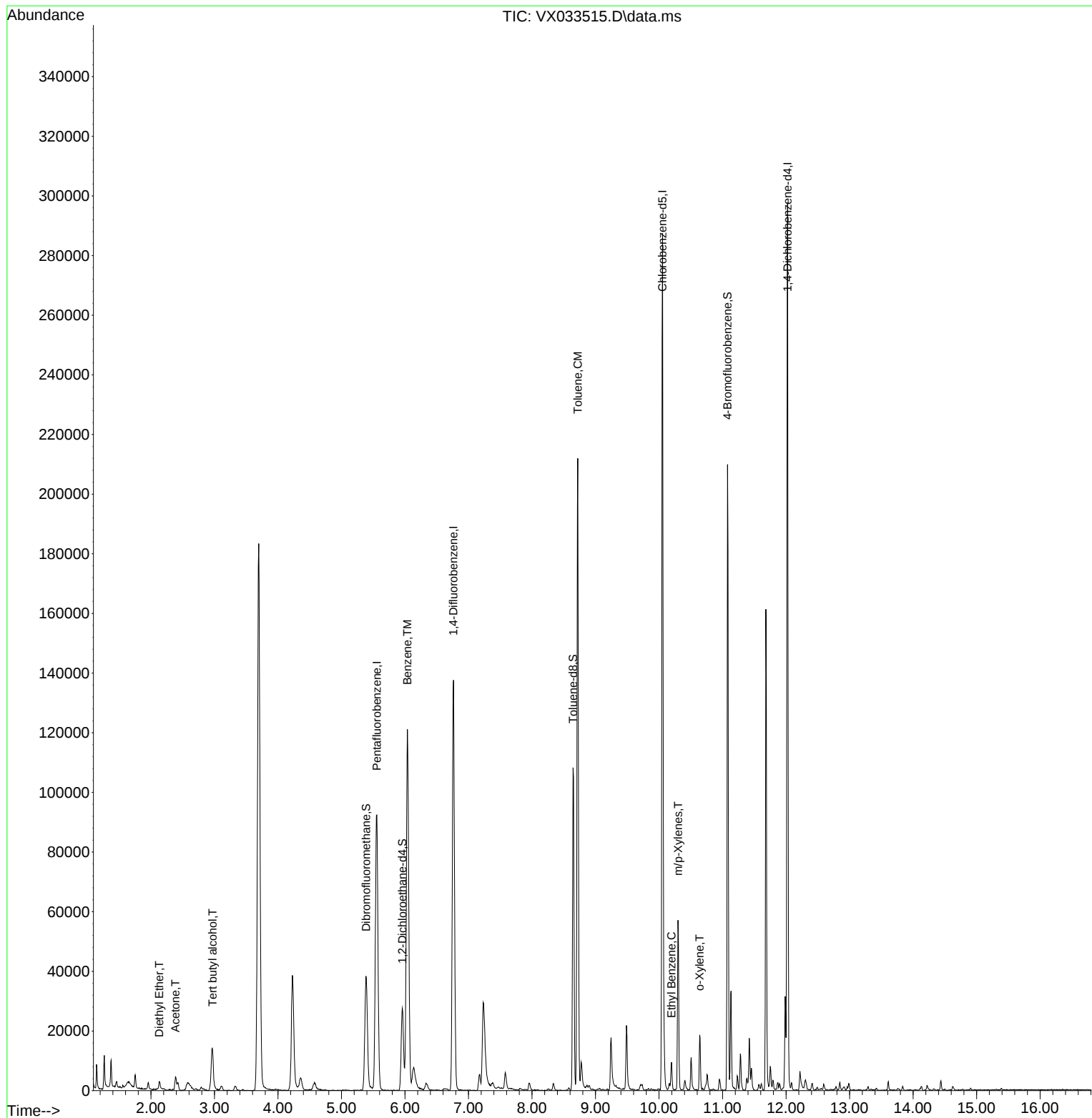
Internal Standards						
1) Pentafluorobenzene	5.556	168	93902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	146243	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	62600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	26803	44.493	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	88.980%
35) Dibromofluoromethane	5.385	113	33581	51.053	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.100%
50) Toluene-d8	8.647	98	66346	48.216	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.440%
62) 4-Bromofluorobenzene	11.079	95	51021	48.493	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.980%
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.130	74	802	1.366	ug/l #	1
11) Tert butyl alcohol	2.971	59	3732	20.263	ug/l #	94
16) Acetone	2.386	43	5152	11.558	ug/l #	87
40) Benzene	6.037	78	147515	39.451	ug/l	100
52) Toluene	8.720	92	80028	33.103	ug/l	99
67) Ethyl Benzene	10.195	91	5525	1.213	ug/l	98
68) m/p-Xylenes	10.299	106	13138	7.417	ug/l	98
69) o-Xylene	10.640	106	4073	2.326	ug/l	98

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
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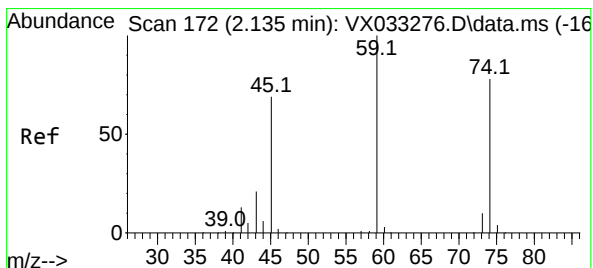
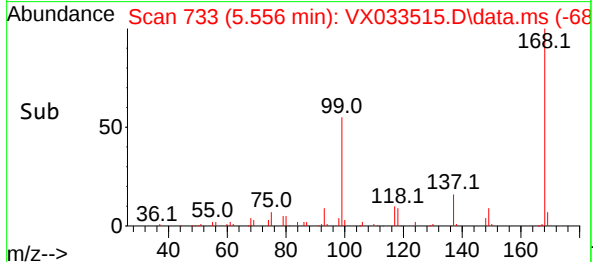
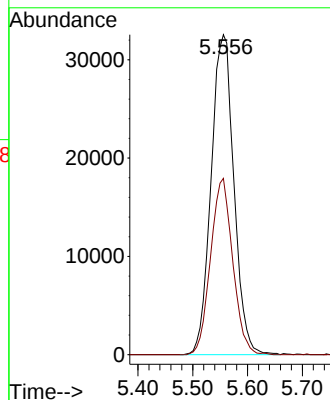
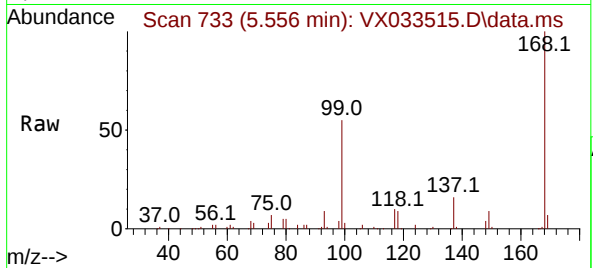




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033515.D
Acq: 20 Dec 2022 17:58

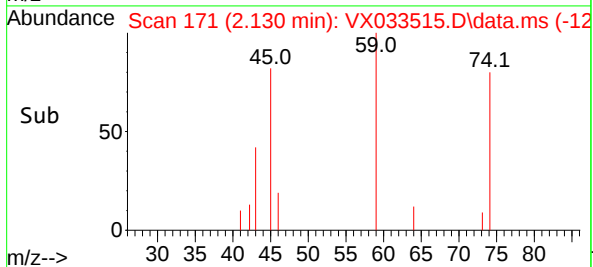
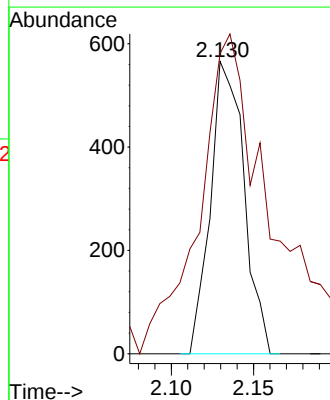
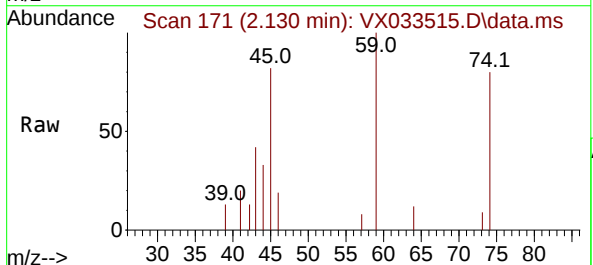
Instrument :
MSVOA_X
ClientSampleId :
WANA-1

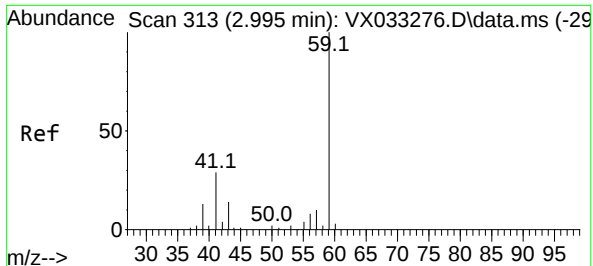
Tgt Ion:168 Resp: 93902
Ion Ratio Lower Upper
168 100
99 55.1 46.1 69.1



#8
Diethyl Ether
Concen: 1.366 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX033515.D
Acq: 20 Dec 2022 17:58

Tgt Ion: 74 Resp: 802
Ion Ratio Lower Upper
74 100
45 233.5 46.6 139.7#





#11

Tert butyl alcohol

Concen: 20.263 ug/l

RT: 2.971 min Scan# 309

Delta R.T. -0.024 min

Lab File: VX033515.D

Acq: 20 Dec 2022 17:58

Instrument :

MSVOA_X

ClientSampleId :

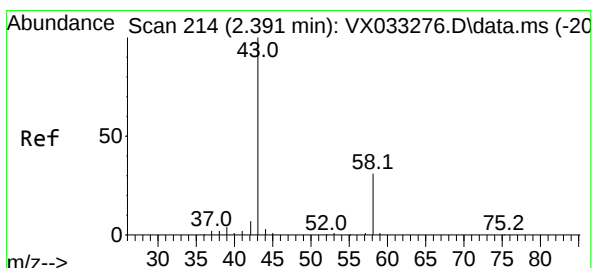
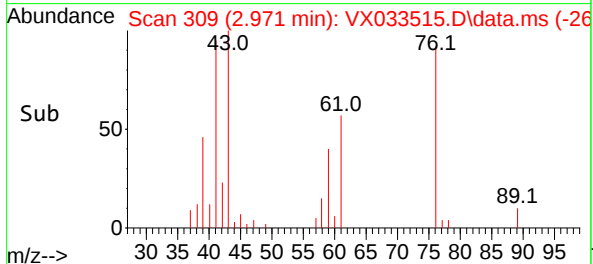
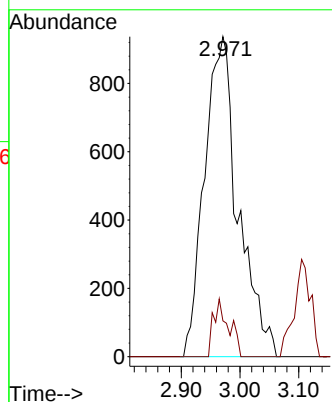
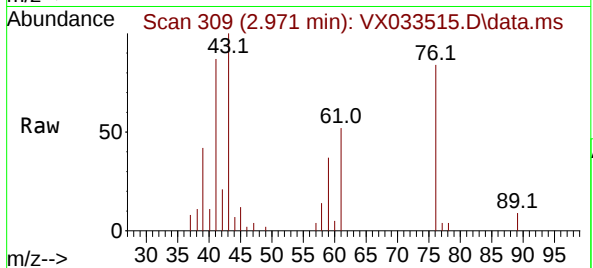
WANA-1

Tgt Ion: 59 Resp: 3732

Ion Ratio Lower Upper

59 100

57 8.2 8.2 12.4#



#16

Acetone

Concen: 11.558 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX033515.D

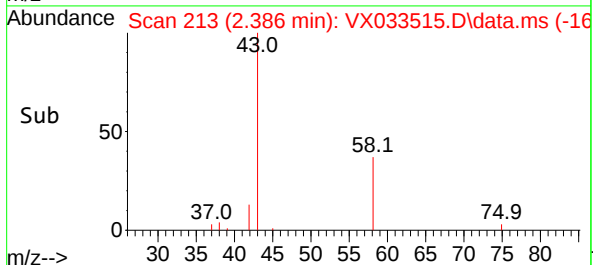
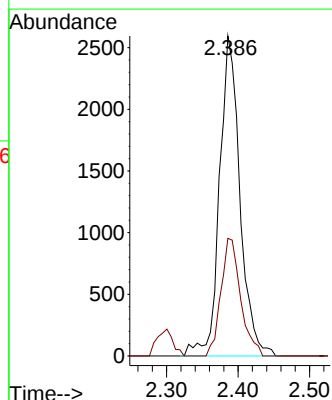
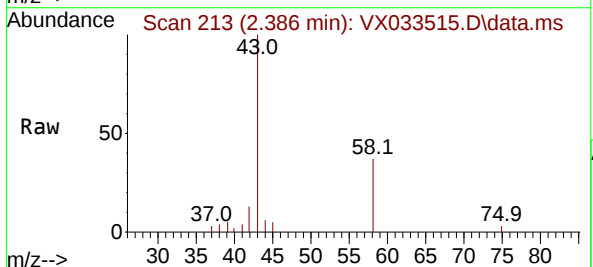
Acq: 20 Dec 2022 17:58

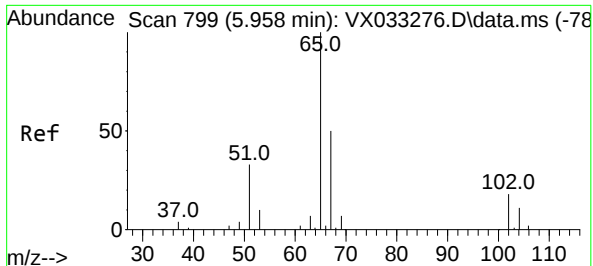
Tgt Ion: 43 Resp: 5152

Ion Ratio Lower Upper

43 100

58 36.7 23.8 35.8#





#33

1,2-Dichloroethane-d4

Concen: 44.493 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX033515.D

Acq: 20 Dec 2022 17:58

Instrument :

MSVOA_X

ClientSampleId :

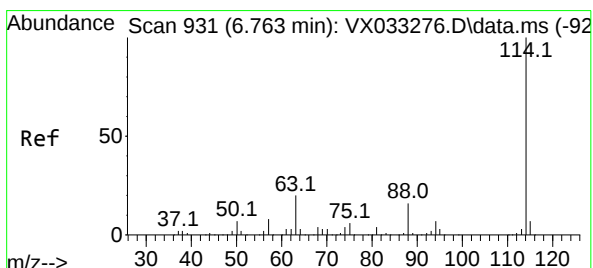
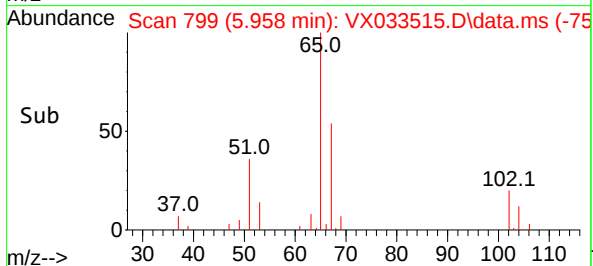
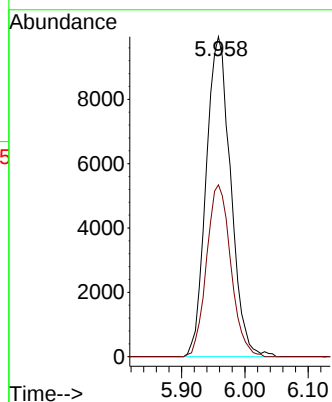
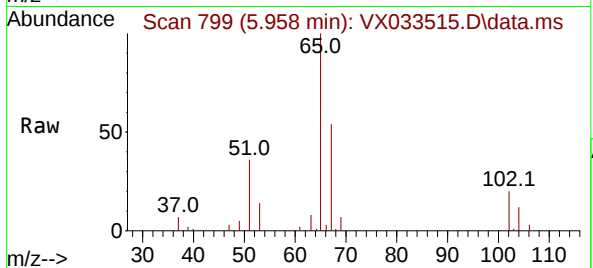
WANA-1

Tgt Ion: 65 Resp: 26803

Ion Ratio Lower Upper

65 100

67 53.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX033515.D

Acq: 20 Dec 2022 17:58

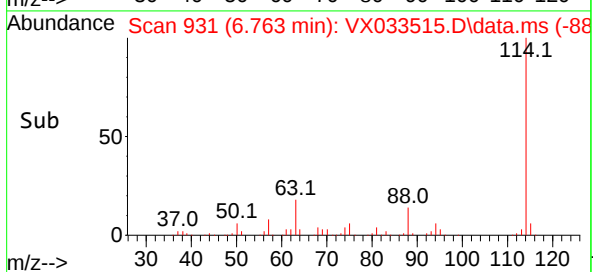
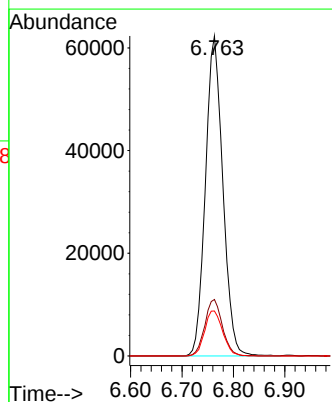
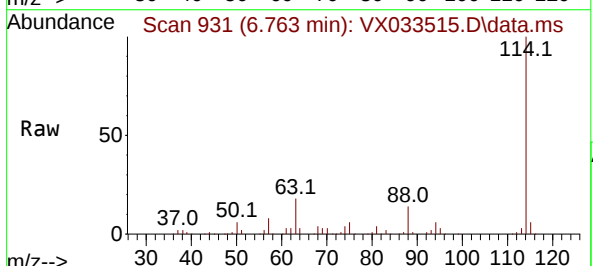
Tgt Ion: 114 Resp: 146243

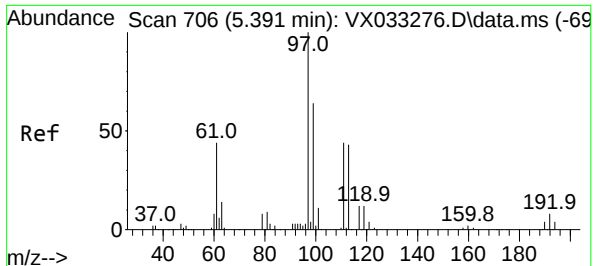
Ion Ratio Lower Upper

114 100

63 17.6 0.0 41.6

88 14.1 0.0 33.4

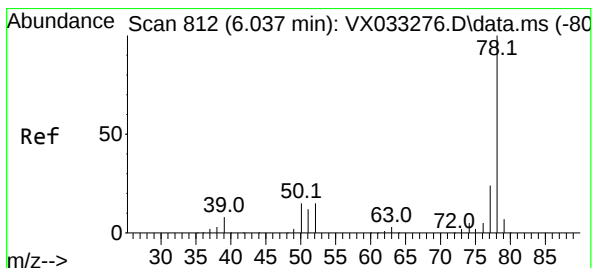
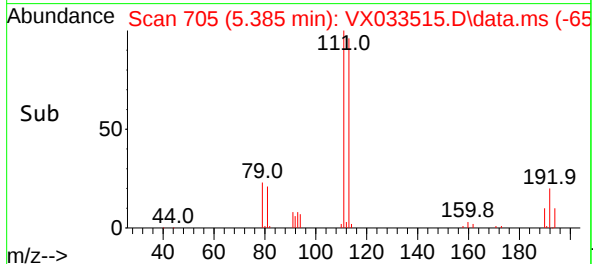
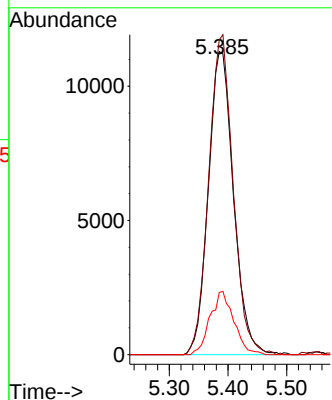
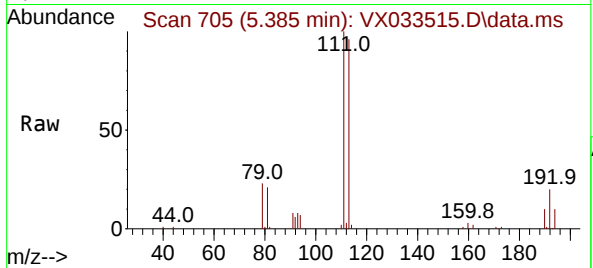




#35
Dibromofluoromethane
Concen: 51.053 ug/l
RT: 5.385 min Scan# 706
Delta R.T. -0.006 min
Lab File: VX033515.D
Acq: 20 Dec 2022 17:58

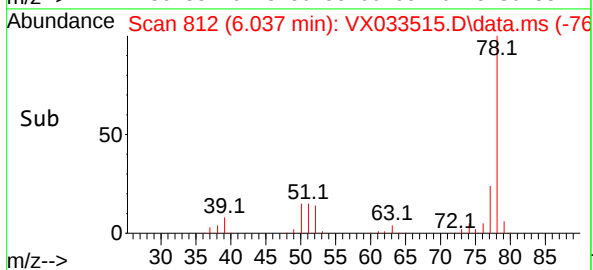
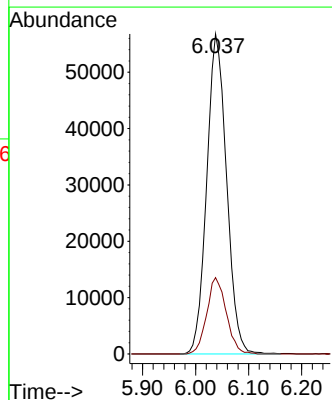
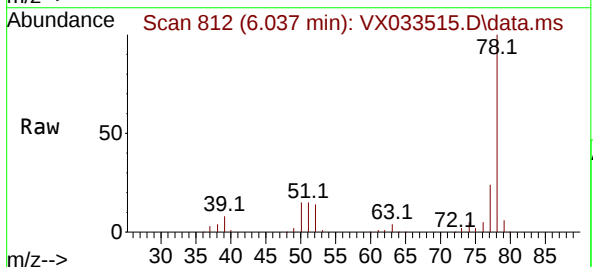
Instrument :
MSVOA_X
ClientSampleId :
WANA-1

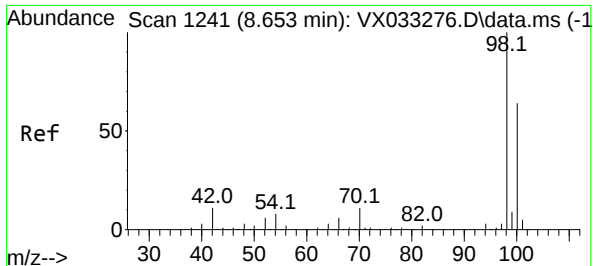
Tgt Ion:113 Resp: 33581
Ion Ratio Lower Upper
113 100
111 102.5 82.4 123.6
192 19.8 15.4 23.2



#40
Benzene
Concen: 39.451 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033515.D
Acq: 20 Dec 2022 17:58

Tgt Ion: 78 Resp: 147515
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

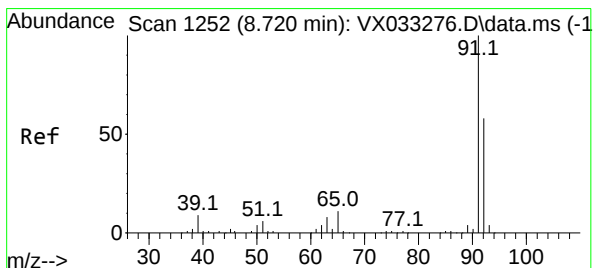
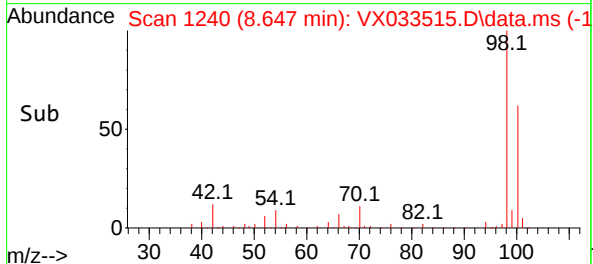
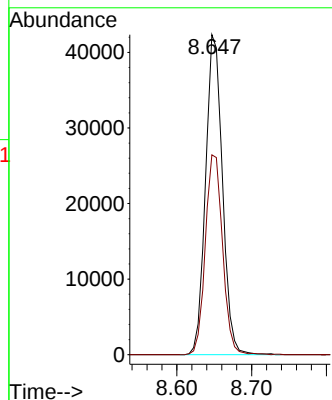
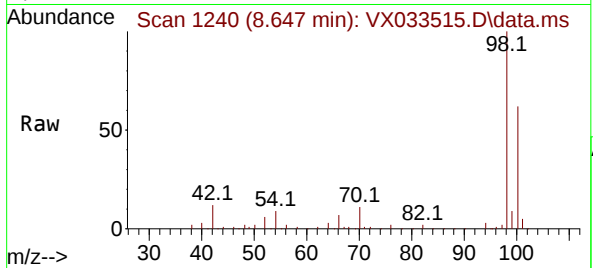




#50
Toluene-d8
Concen: 48.216 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033515.D
Acq: 20 Dec 2022 17:58

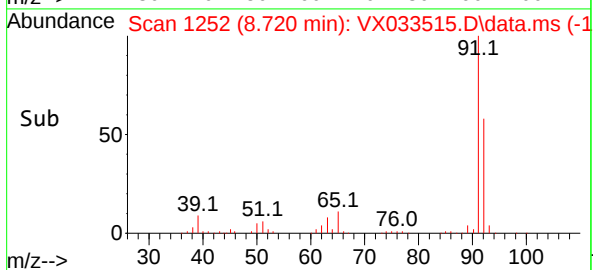
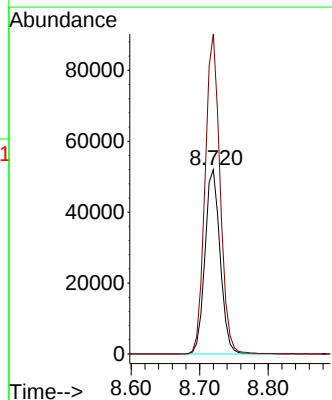
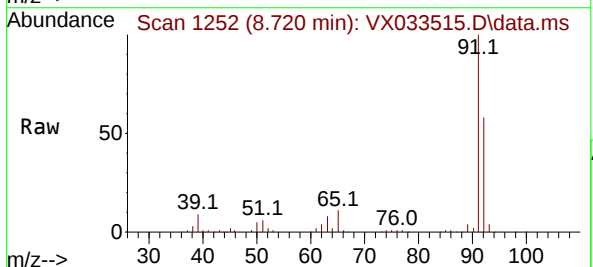
Instrument :
MSVOA_X
ClientSampleId :
WANA-1

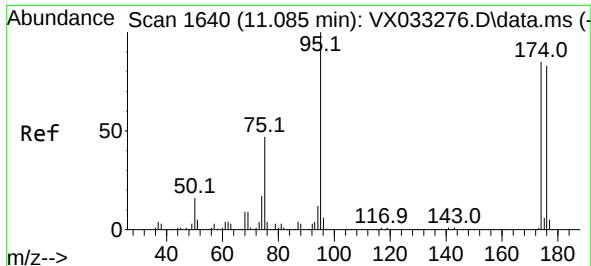
Tgt Ion: 98 Resp: 66346
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



#52
Toluene
Concen: 33.103 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033515.D
Acq: 20 Dec 2022 17:58

Tgt Ion: 92 Resp: 80028
Ion Ratio Lower Upper
92 100
91 171.6 138.3 207.5

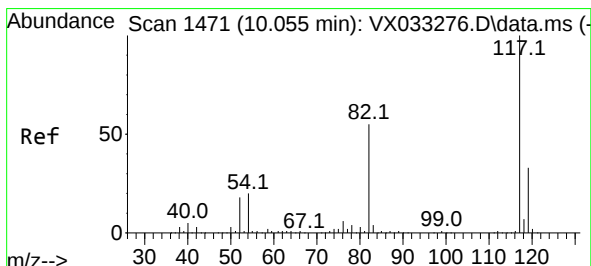
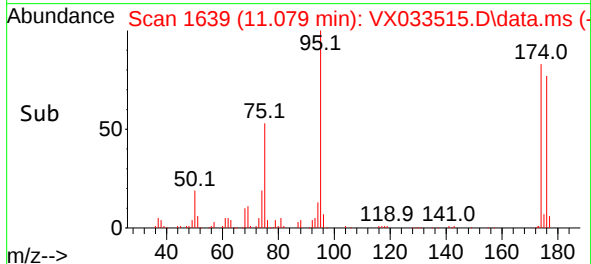
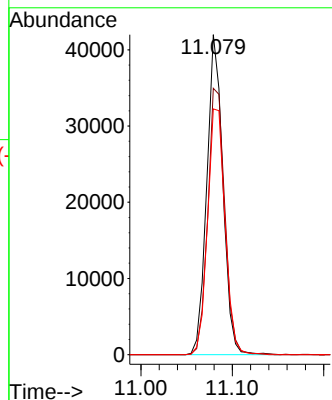
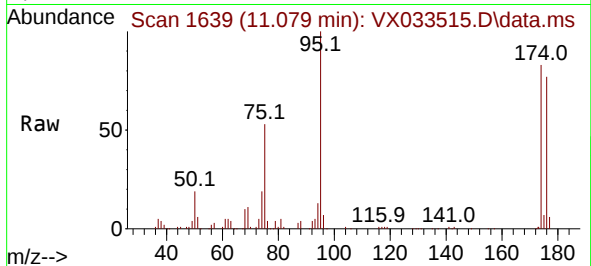




#62
4-Bromofluorobenzene
Concen: 48.493 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033515.D
Acq: 20 Dec 2022 17:58

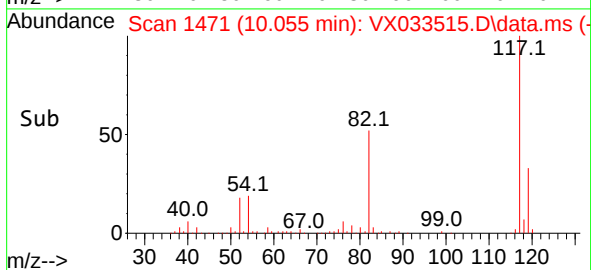
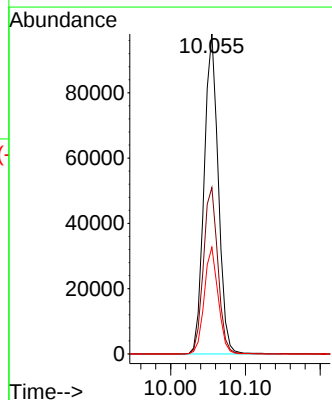
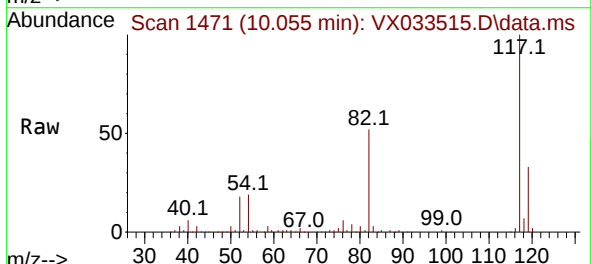
Instrument :
MSVOA_X
ClientSampleId :
WANA-1

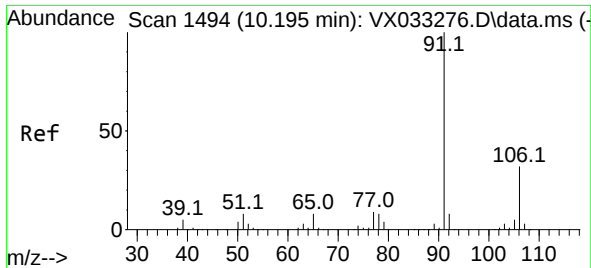
Tgt Ion: 95 Resp: 51021
Ion Ratio Lower Upper
95 100
174 88.7 0.0 164.0
176 83.9 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033515.D
Acq: 20 Dec 2022 17:58

Tgt Ion: 117 Resp: 129057
Ion Ratio Lower Upper
117 100
82 52.0 44.3 66.5
119 33.3 25.7 38.5





#67

Ethyl Benzene

Concen: 1.213 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX033515.D

Acq: 20 Dec 2022 17:58

Instrument :

MSVOA_X

ClientSampleId :

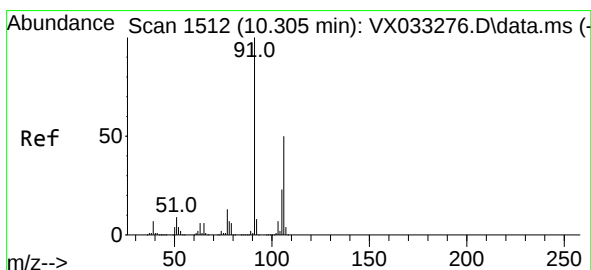
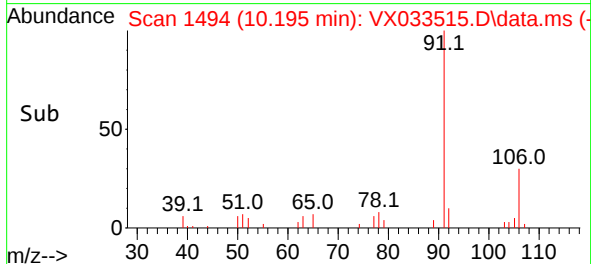
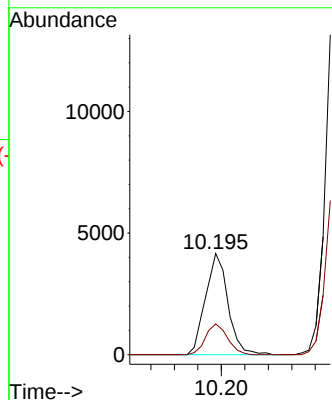
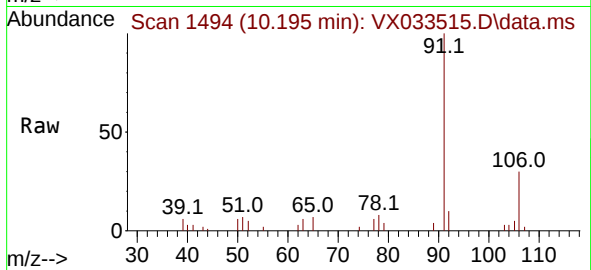
WANA-1

Tgt Ion: 91 Resp: 5525

Ion Ratio Lower Upper

91 100

106 30.3 25.0 37.6



#68

m/p-Xylenes

Concen: 7.417 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. -0.006 min

Lab File: VX033515.D

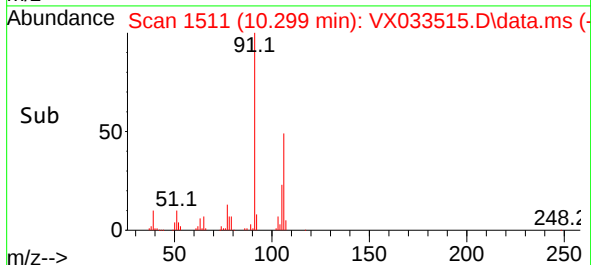
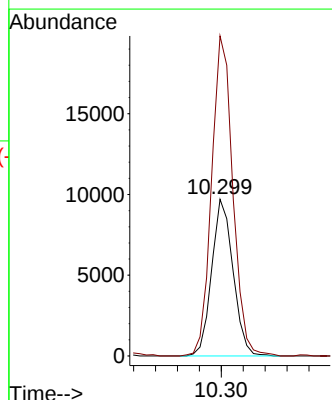
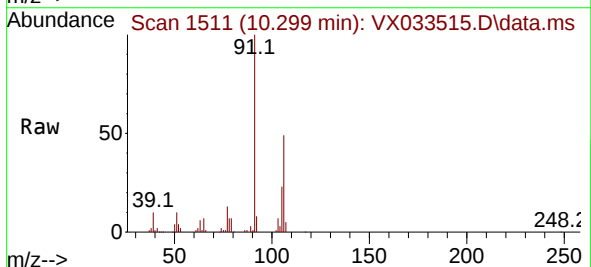
Acq: 20 Dec 2022 17:58

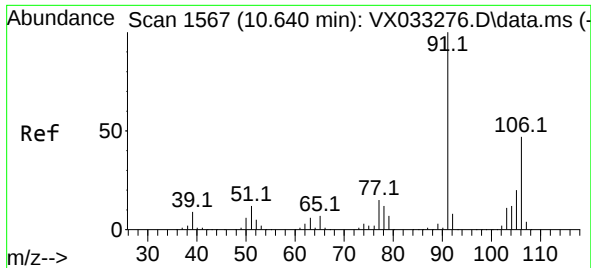
Tgt Ion: 106 Resp: 13138

Ion Ratio Lower Upper

106 100

91 202.9 164.5 246.7

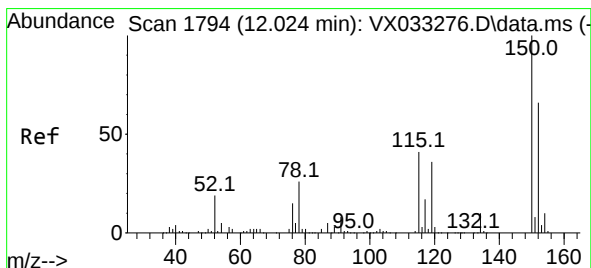
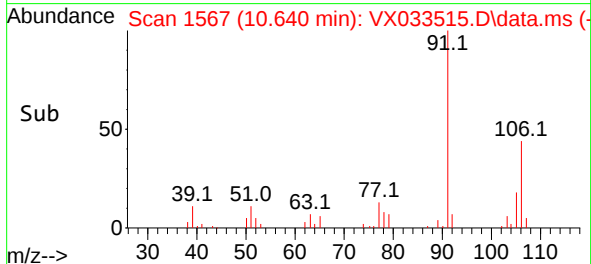
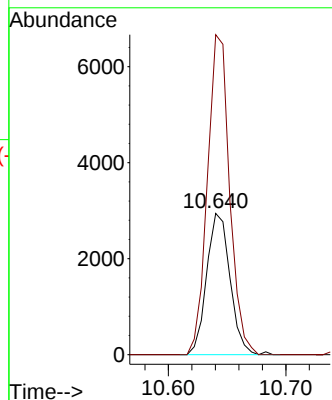
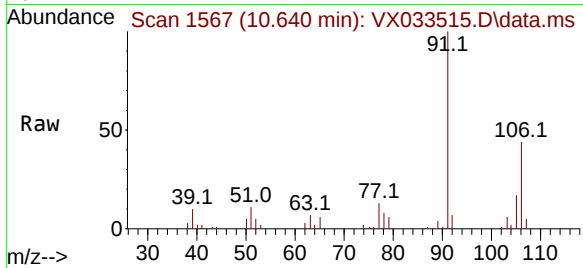




#69
o-Xylene
Concen: 2.326 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033515.D
Acq: 20 Dec 2022 17:58

Instrument :
MSVOA_X
ClientSampleId :
WANA-1

Tgt Ion:106 Resp: 4073
Ion Ratio Lower Upper
106 100
91 215.0 109.2 327.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033515.D
Acq: 20 Dec 2022 17:58

Tgt Ion:152 Resp: 62600
Ion Ratio Lower Upper
152 100
115 57.2 44.0 132.0
150 155.1 0.0 351.8

