

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039564.D
 Acq On : 02 Jan 2024 12:07
 Operator : JC/MD
 Sample : 06038-06RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T-803RE

Quant Time: Jan 03 04:11:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

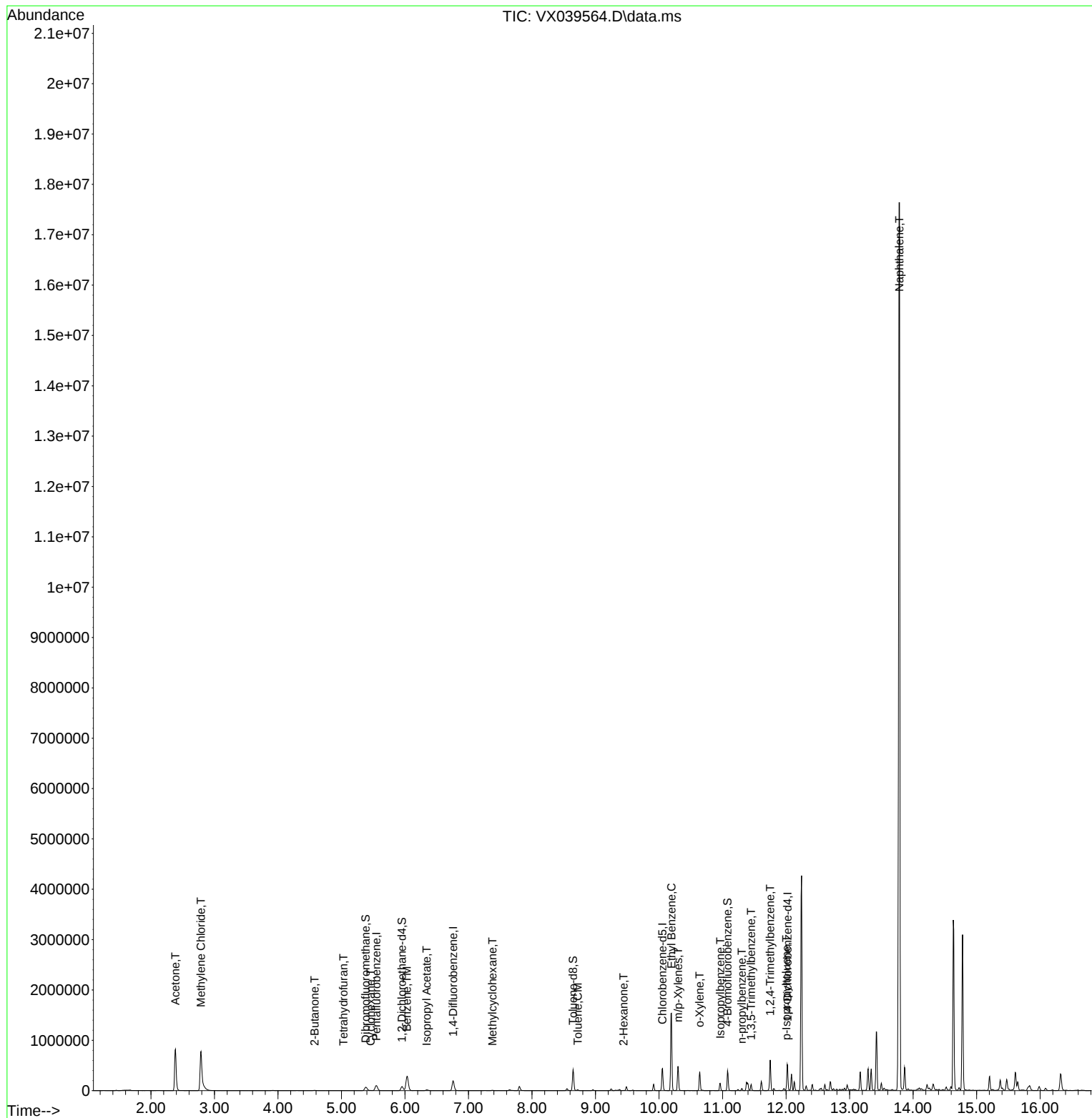
Internal Standards						
1) Pentafluorobenzene	5.550	168	88087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	189815	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	196141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	94074	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78455	48.618	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.240%
35) Dibromofluoromethane	5.379	113	61846	47.163	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.320%
50) Toluene-d8	8.647	98	237586	48.802	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.600%
62) 4-Bromofluorobenzene	11.079	95	107217	53.377	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	106.760%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	933943	1103.929	ug/l	93
20) Methylene Chloride	2.788	84	439771	326.918	ug/l	98
25) 2-Butanone	4.574	43	12351	8.870	ug/l	91
29) Tetrahydrofuran	5.031	42	1763	2.293	ug/l #	89
31) Cyclohexane	5.458	56	2590	1.243	ug/l	93
39) Methylcyclohexane	7.379	83	2977	1.198	ug/l	96
40) Benzene	6.031	78	341864	58.402	ug/l	98
43) Isopropyl Acetate	6.342	43	22367	5.380	ug/l	99
52) Toluene	8.720	92	6337	1.794	ug/l	96
59) 2-Hexanone	9.439	43	2884	1.262	ug/l	87
67) Ethyl Benzene	10.195	91	906506	113.752	ug/l	99
68) m/p-Xylenes	10.299	106	103319	36.160	ug/l	95
69) o-Xylene	10.640	106	73811	26.718	ug/l	94
73) Isopropylbenzene	10.963	105	77153	10.630	ug/l	98
78) n-propylbenzene	11.305	91	26666	2.982	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	51091	8.263	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	245230	38.675	ug/l	100
86) p-Isopropyltoluene	12.006	119	9548	1.519	ug/l #	73
95) Naphthalene	13.786	128	10477858	1522.923	ug/l #	92

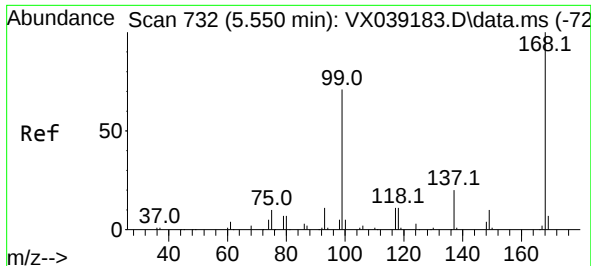
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 14 01:28:15 2023
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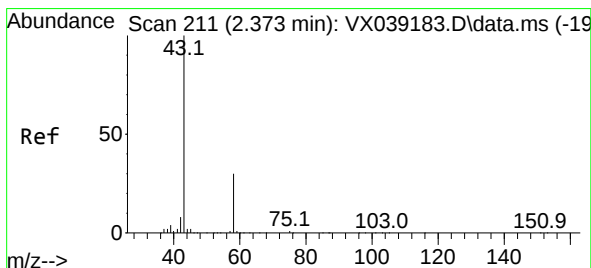
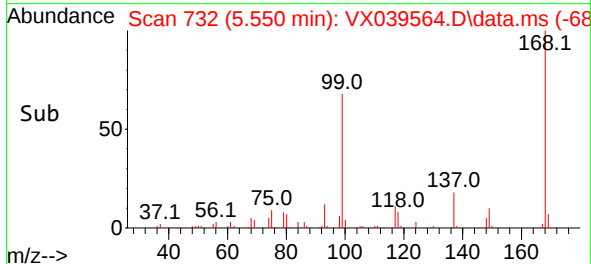
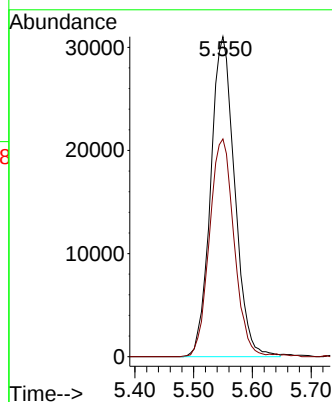
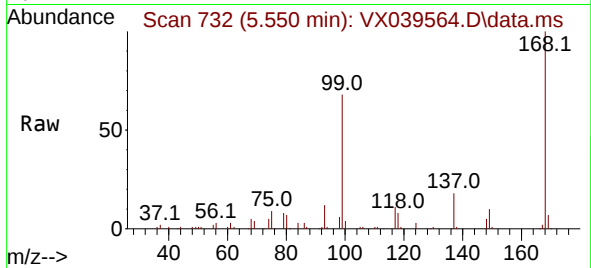




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

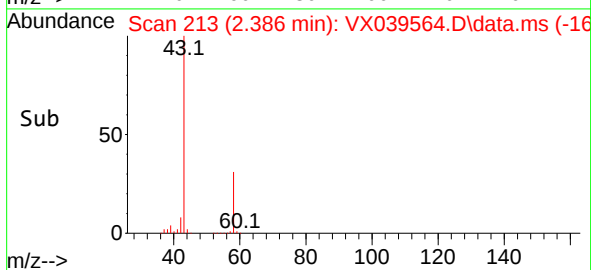
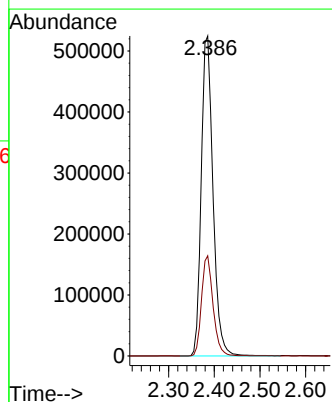
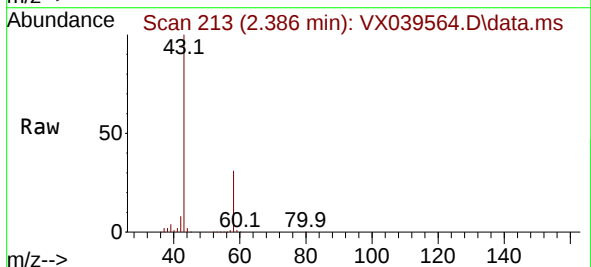
Instrument :
MSVOA_X
ClientSampleId :
T-803RE

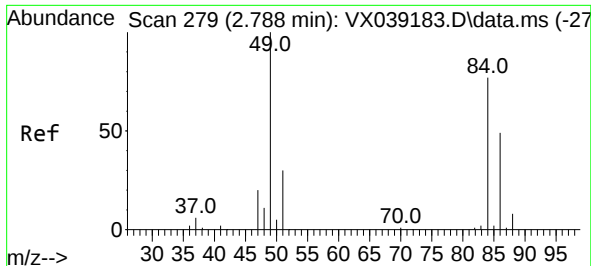
Tgt Ion:168 Resp: 88087
Ion Ratio Lower Upper
168 100
99 68.1 56.6 85.0



#16
Acetone
Concen: 1103.929 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.013 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

Tgt Ion: 43 Resp: 933943
Ion Ratio Lower Upper
43 100
58 31.3 21.9 32.9





#20

Methylene Chloride

Concen: 326.918 ug/l

RT: 2.788 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

T-803RE

Tgt Ion: 84 Resp: 439771

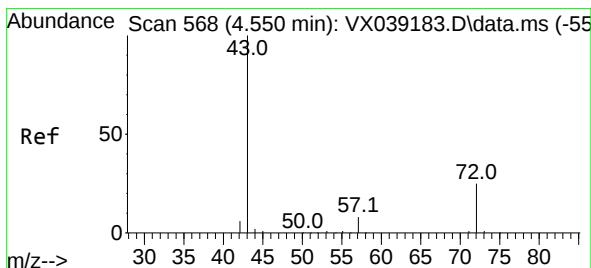
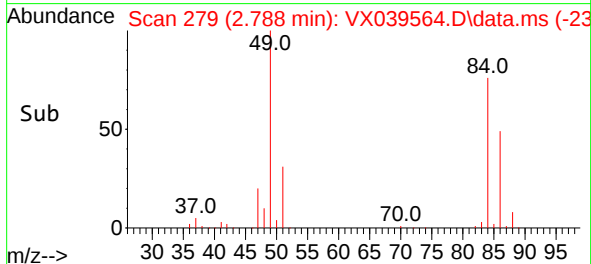
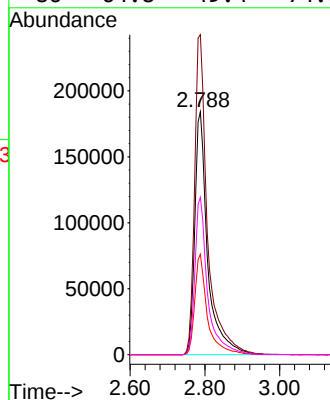
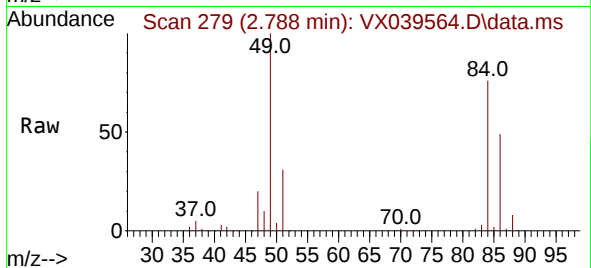
Ion Ratio Lower Upper

84 100

49 131.8 103.6 155.4

51 41.4 33.8 50.6

86 64.8 49.4 74.0



#25

2-Butanone

Concen: 8.870 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.025 min

Lab File: VX039564.D

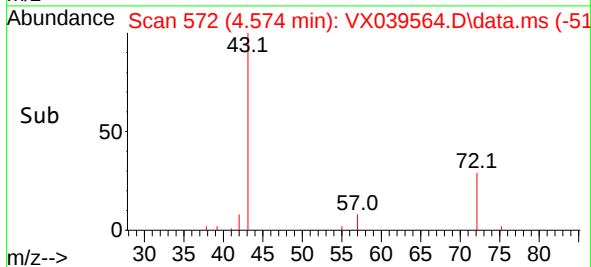
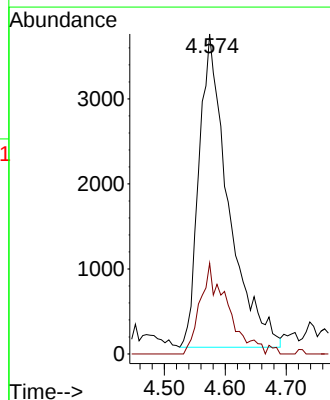
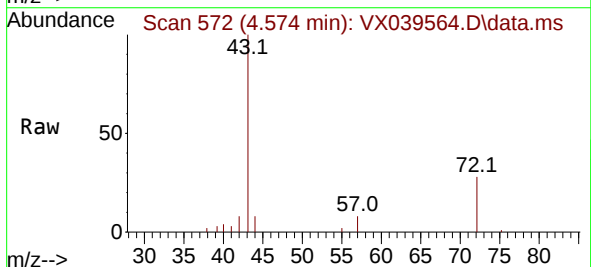
Acq: 02 Jan 2024 12:07

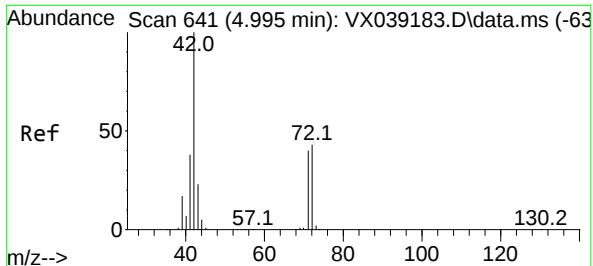
Tgt Ion: 43 Resp: 12351

Ion Ratio Lower Upper

43 100

72 29.0 19.4 29.2





#29

Tetrahydrofuran

Concen: 2.293 ug/l

RT: 5.031 min Scan# 641

Delta R.T. 0.037 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

T-803RE

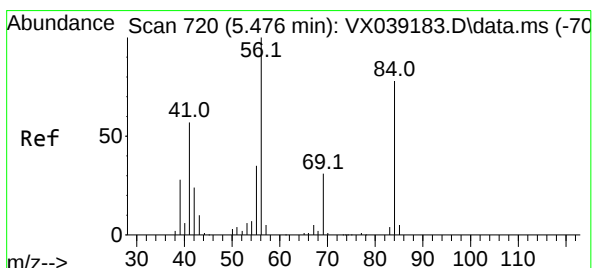
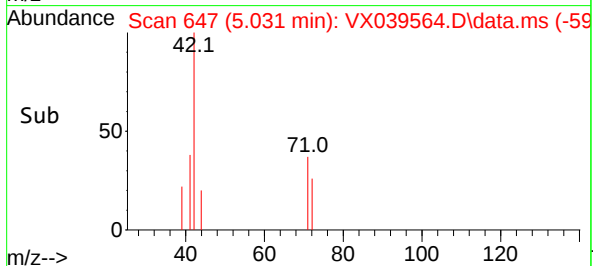
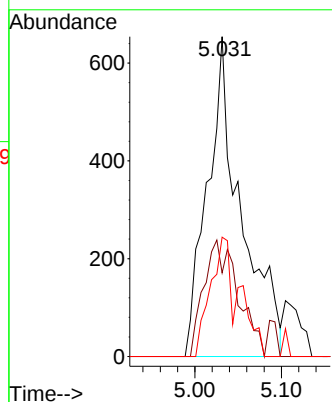
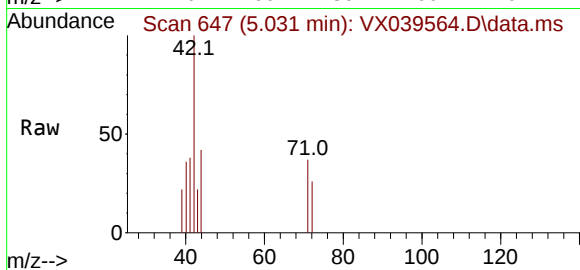
Tgt Ion: 42 Resp: 1763

Ion Ratio Lower Upper

42 100

72 37.2 34.2 51.4

71 31.7 32.2 48.2#



#31

Cyclohexane

Concen: 1.243 ug/l

RT: 5.458 min Scan# 717

Delta R.T. -0.018 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

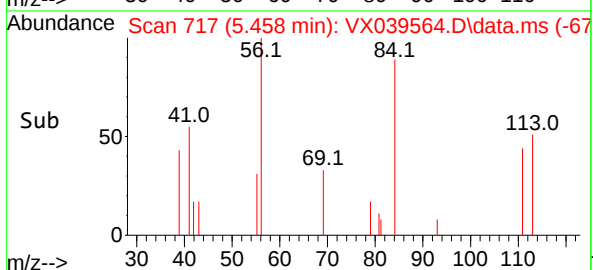
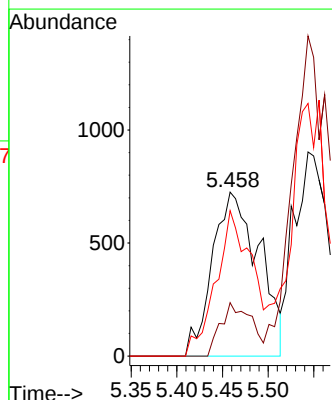
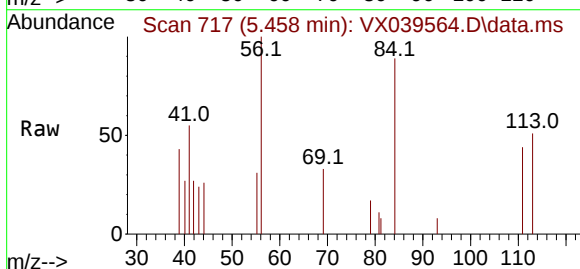
Tgt Ion: 56 Resp: 2590

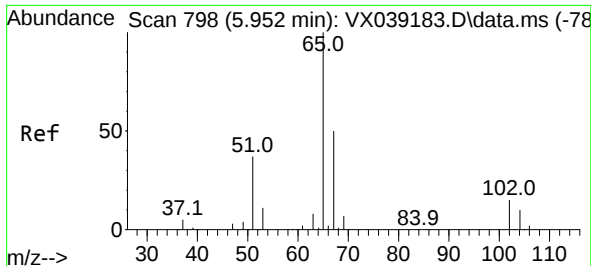
Ion Ratio Lower Upper

56 100

69 32.6 23.4 35.2

84 88.7 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 48.618 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

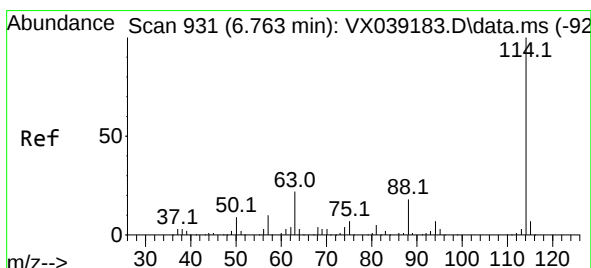
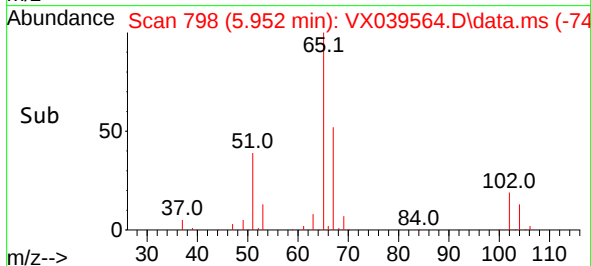
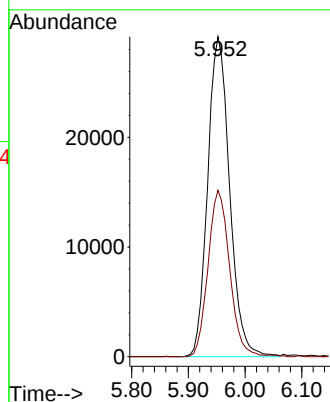
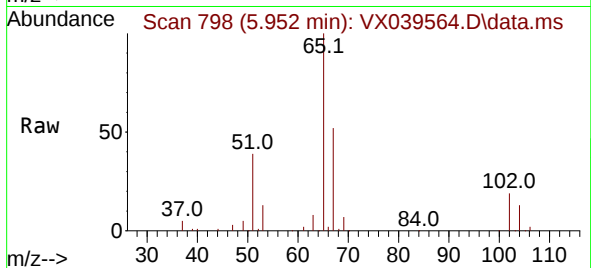
T-803RE

Tgt Ion: 65 Resp: 78455

Ion Ratio Lower Upper

65 100

67 51.3 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

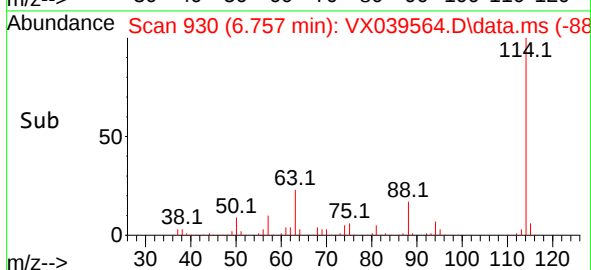
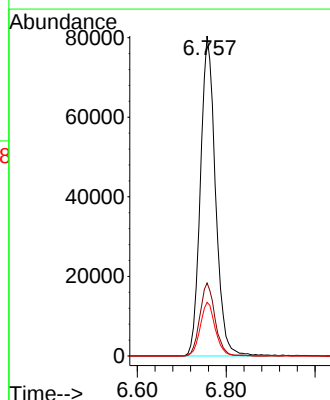
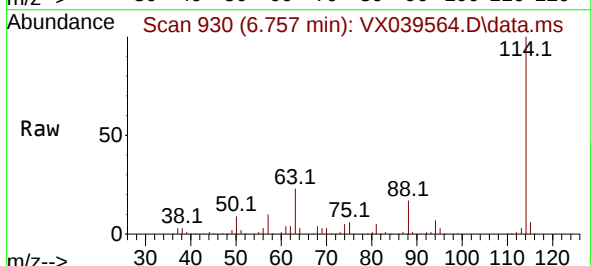
Tgt Ion: 114 Resp: 189815

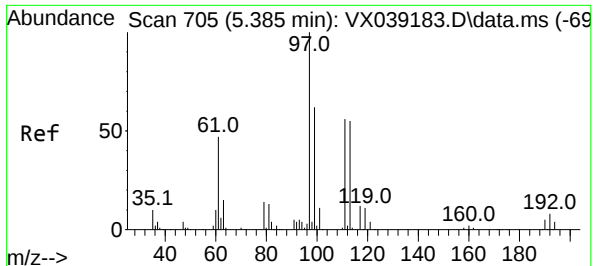
Ion Ratio Lower Upper

114 100

63 22.8 0.0 45.0

88 16.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.163 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

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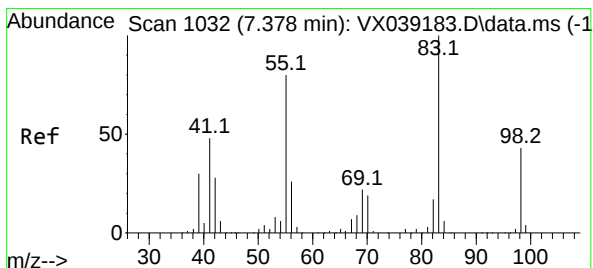
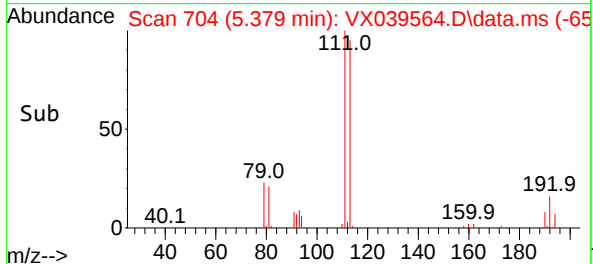
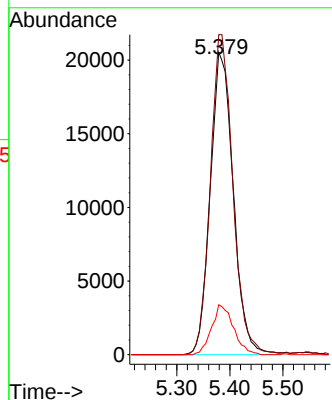
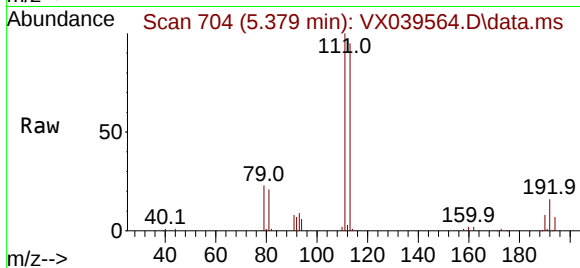
Tgt Ion:113 Resp: 61846

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

192 15.7 13.3 19.9



#39

Methylcyclohexane

Concen: 1.198 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

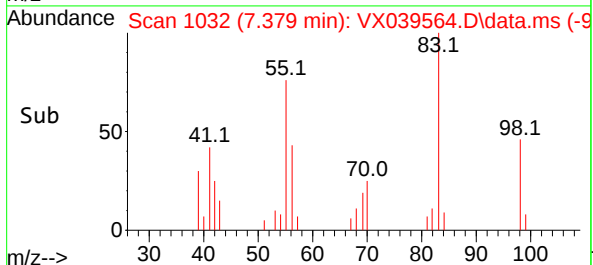
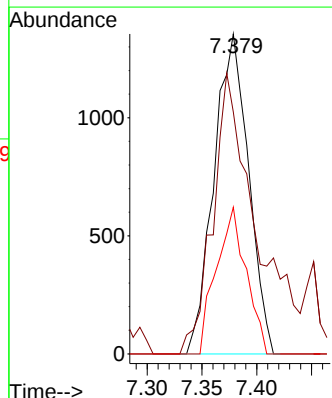
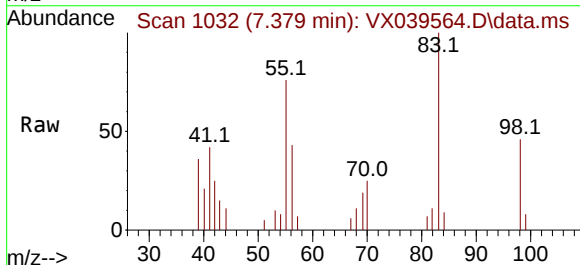
Tgt Ion: 83 Resp: 2977

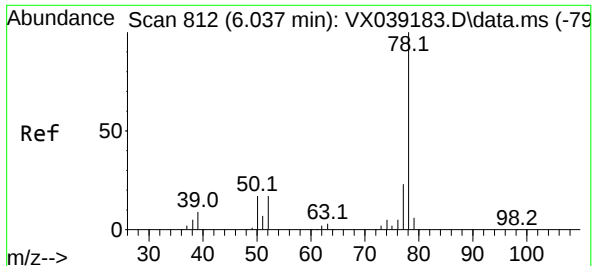
Ion Ratio Lower Upper

83 100

55 75.6 64.6 97.0

98 45.8 36.7 55.1





#40

Benzene

Concen: 58.402 ug/l

RT: 6.031 min Scan# 81

Delta R.T. -0.006 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

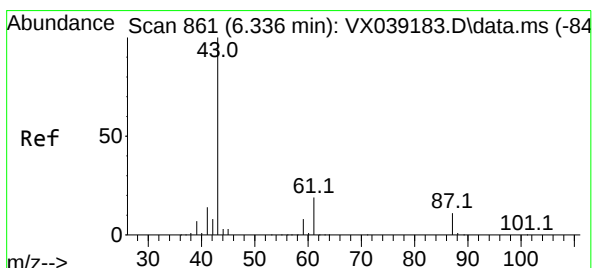
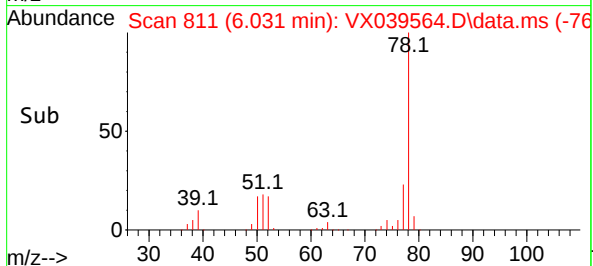
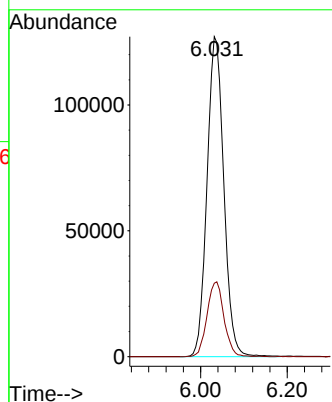
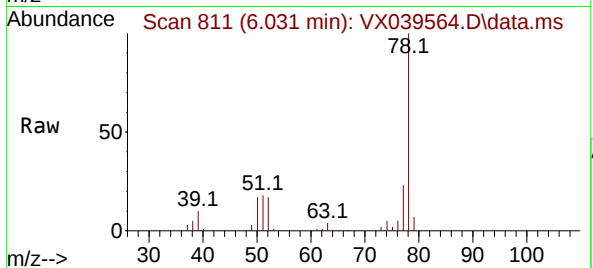
T-803RE

Tgt Ion: 78 Resp: 341864

Ion Ratio Lower Upper

78 100

77 23.0 19.3 28.9



#43

Isopropyl Acetate

Concen: 5.380 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.006 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

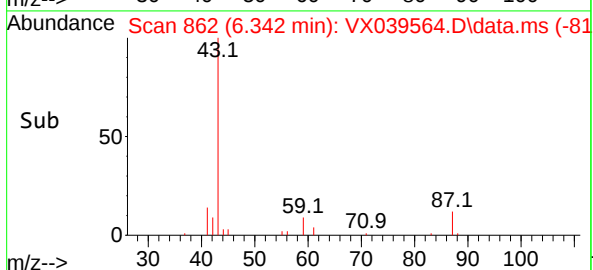
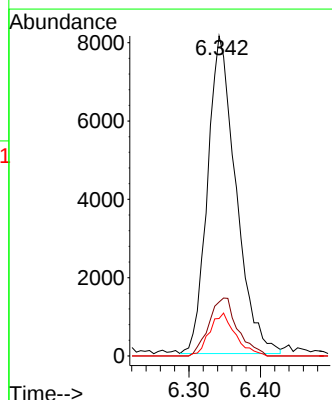
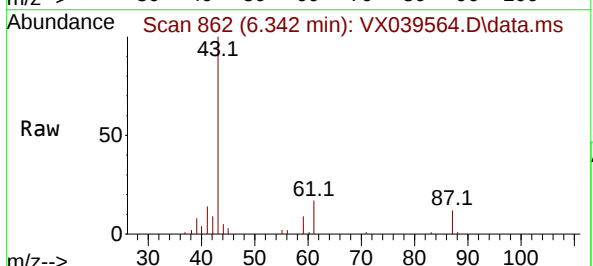
Tgt Ion: 43 Resp: 22367

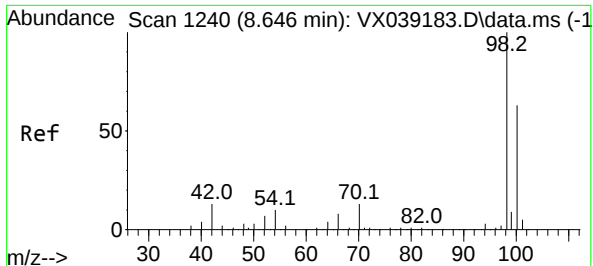
Ion Ratio Lower Upper

43 100

61 18.4 15.2 22.8

87 12.3 9.8 14.6





#50

Toluene-d8

Concen: 48.802 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

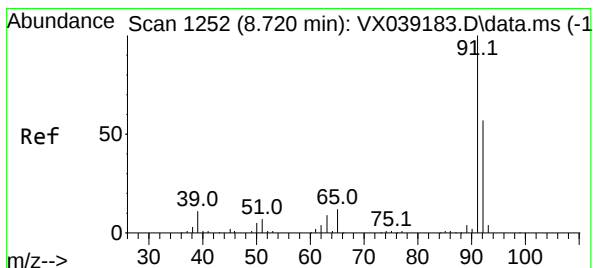
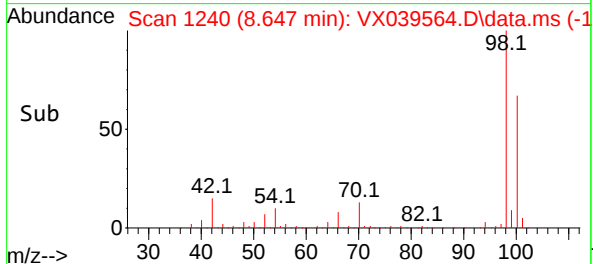
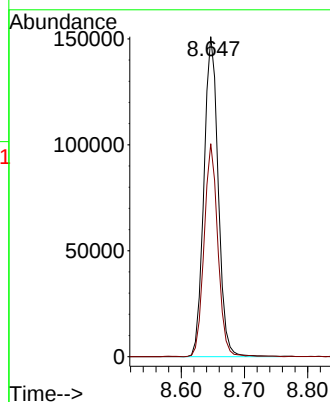
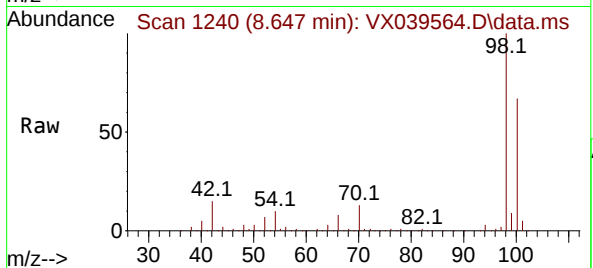
T-803RE

Tgt Ion: 98 Resp: 237586

Ion Ratio Lower Upper

98 100

100 64.0 53.1 79.7



#52

Toluene

Concen: 1.794 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX039564.D

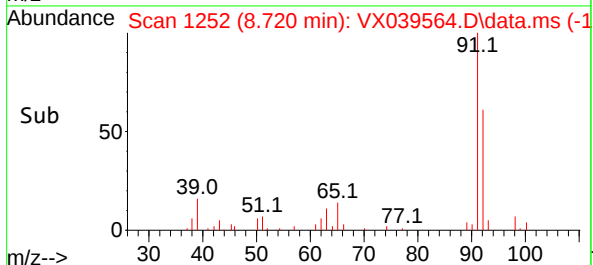
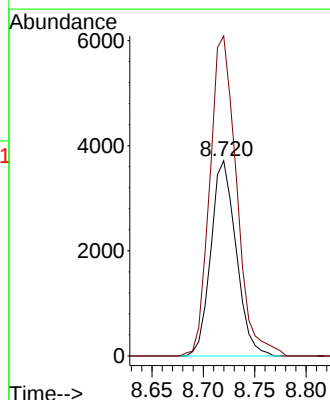
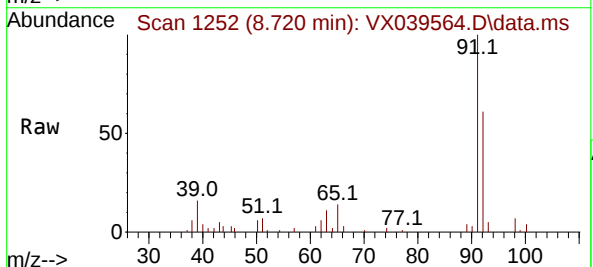
Acq: 02 Jan 2024 12:07

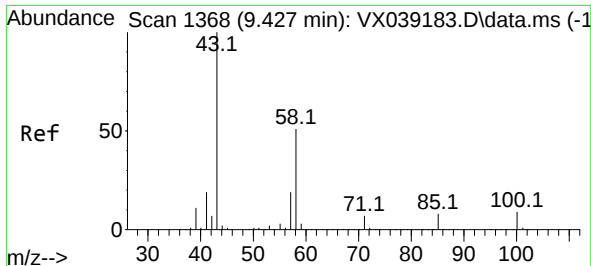
Tgt Ion: 92 Resp: 6337

Ion Ratio Lower Upper

92 100

91 173.8 134.2 201.2

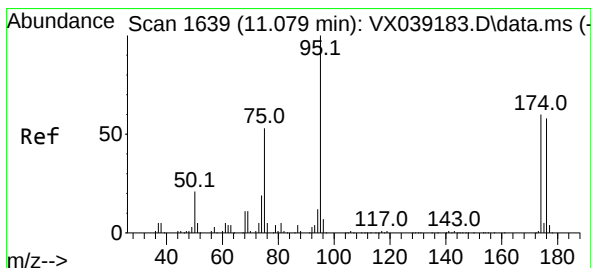
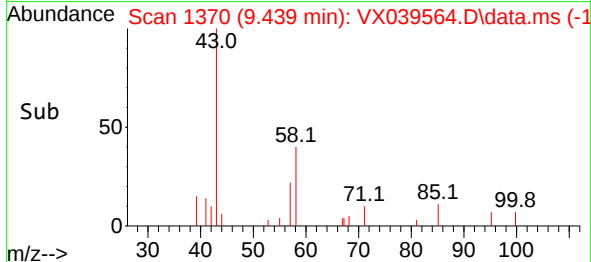
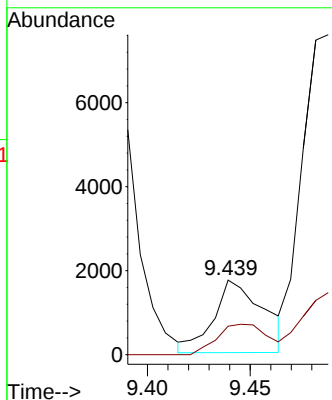
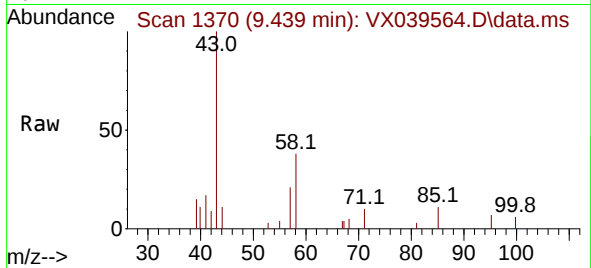




#59
2-Hexanone
Concen: 1.262 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

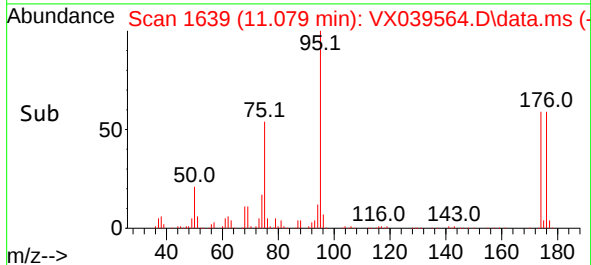
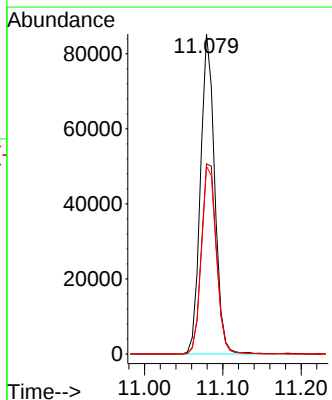
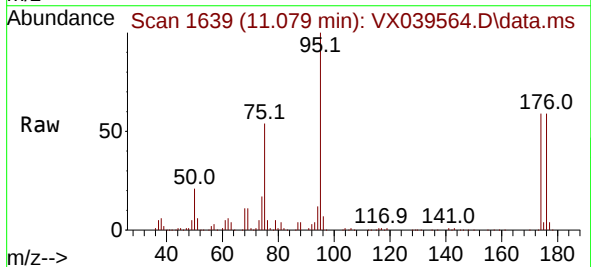
Instrument :
MSVOA_X
ClientSampleId :
T-803RE

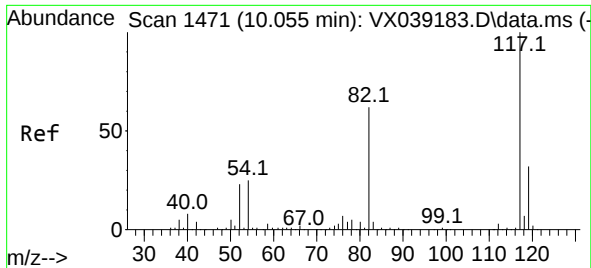
Tgt Ion: 43 Resp: 2884
Ion Ratio Lower Upper
43 100
58 43.1 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 53.377 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

Tgt Ion: 95 Resp: 107217
Ion Ratio Lower Upper
95 100
174 63.4 0.0 135.6
176 61.7 0.0 131.0

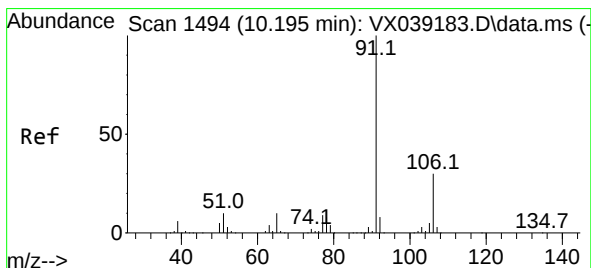
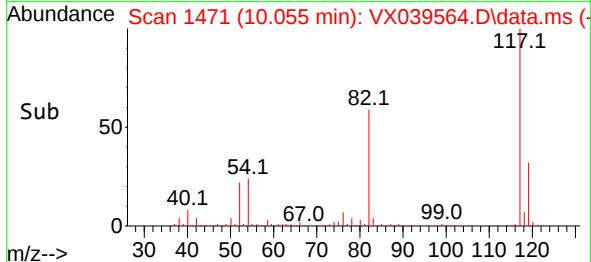
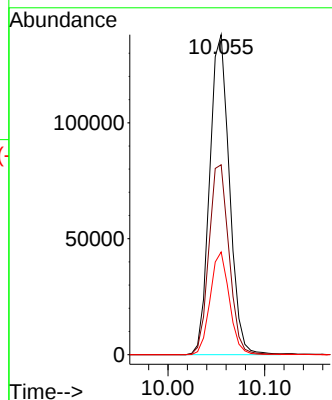
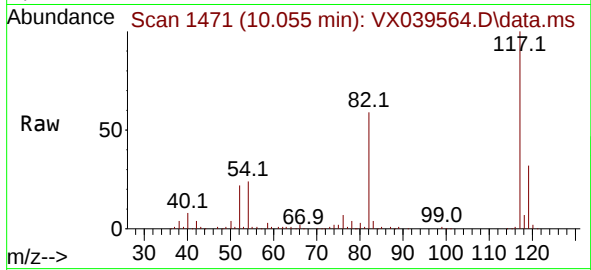




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

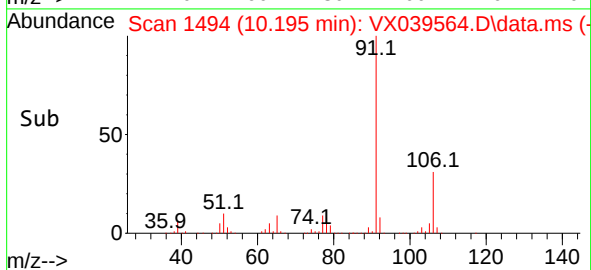
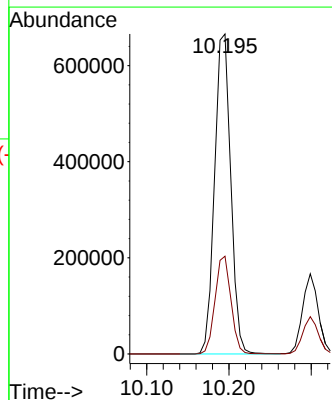
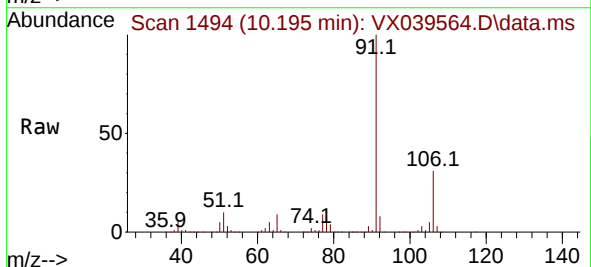
Instrument :
MSVOA_X
ClientSampleId :
T-803RE

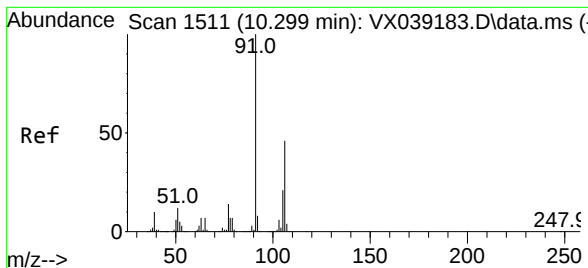
Tgt Ion:117 Resp: 196141
Ion Ratio Lower Upper
117 100
82 59.3 46.2 69.4
119 32.1 25.5 38.3



#67
Ethyl Benzene
Concen: 113.752 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

Tgt Ion: 91 Resp: 906506
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3

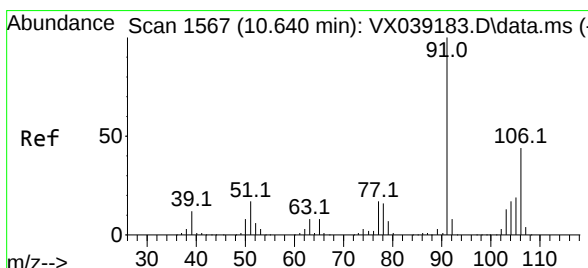
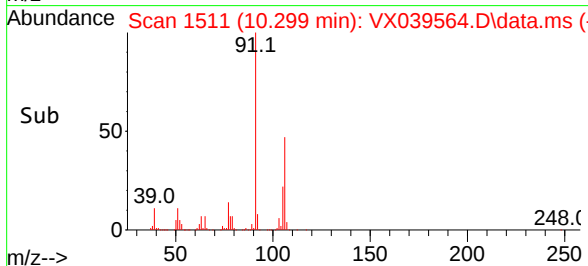
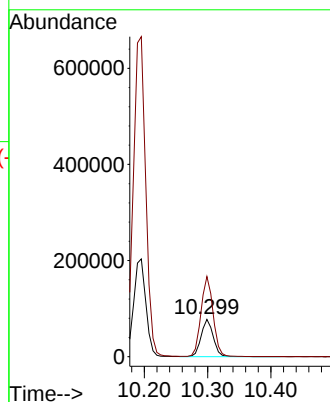
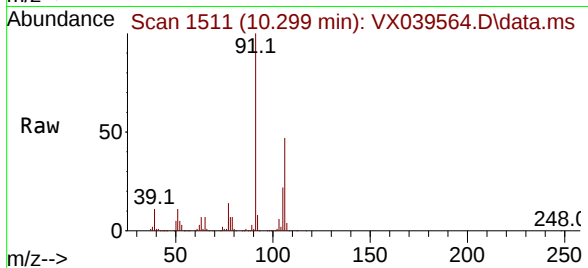




#68
m/p-Xylenes
Concen: 36.160 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

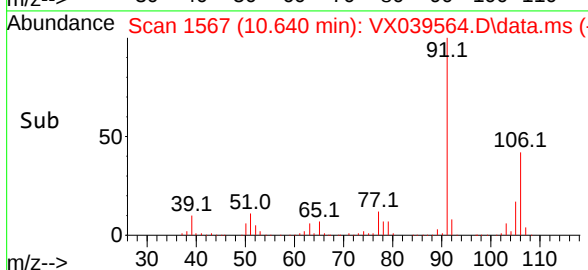
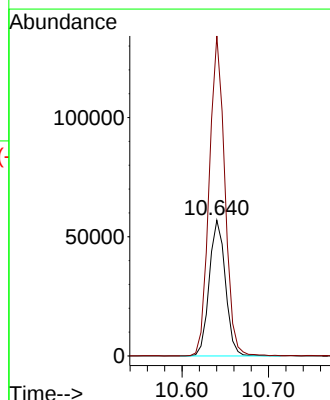
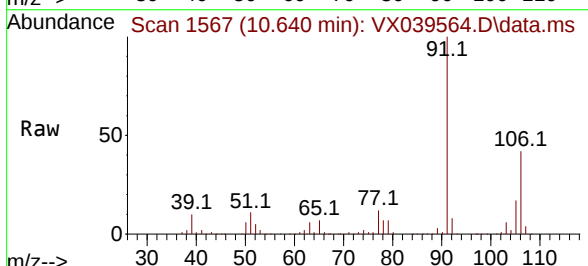
Instrument :
MSVOA_X
ClientSampleId :
T-803RE

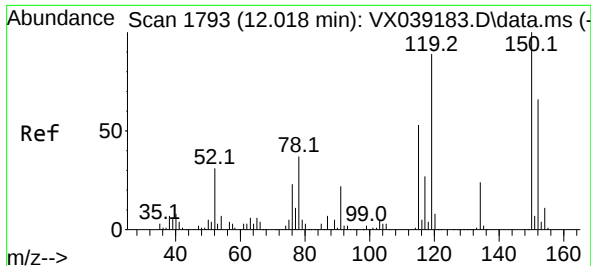
Tgt Ion:106 Resp: 103319
Ion Ratio Lower Upper
106 100
91 214.6 165.5 248.3



#69
o-Xylene
Concen: 26.718 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

Tgt Ion:106 Resp: 73811
Ion Ratio Lower Upper
106 100
91 227.0 108.9 326.8

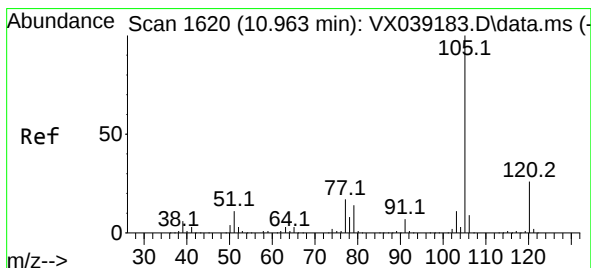
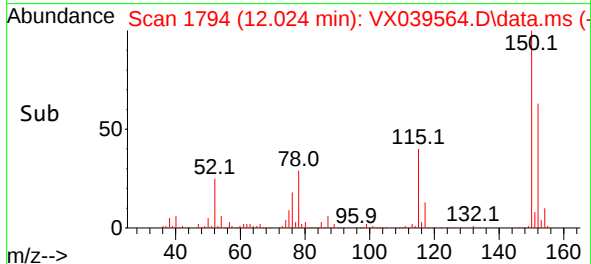
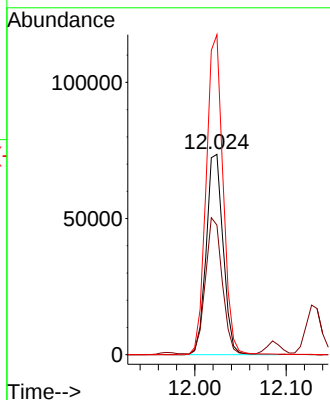
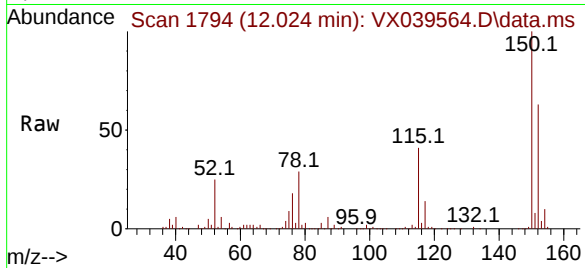




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.006 min
 Lab File: VX039564.D
 Acq: 02 Jan 2024 12:07

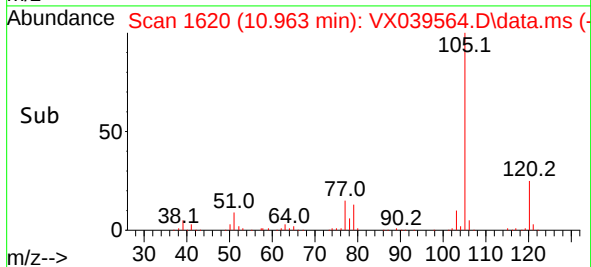
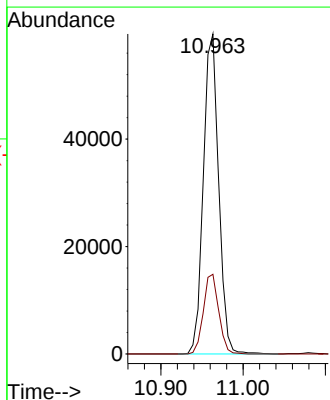
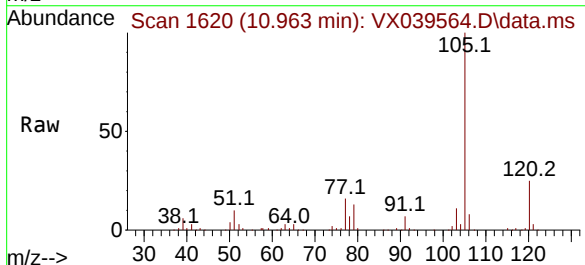
Instrument :
 MSVOA_X
 ClientSampleId :
 T-803RE

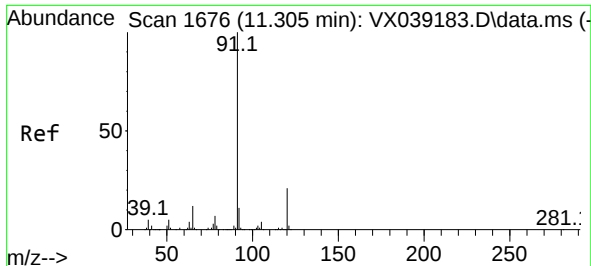
Tgt Ion:152 Resp: 94074
 Ion Ratio Lower Upper
 152 100
 115 67.3 43.3 129.9
 150 159.4 0.0 345.0



#73
 Isopropylbenzene
 Concen: 10.630 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX039564.D
 Acq: 02 Jan 2024 12:07

Tgt Ion:105 Resp: 77153
 Ion Ratio Lower Upper
 105 100
 120 24.9 12.9 38.6

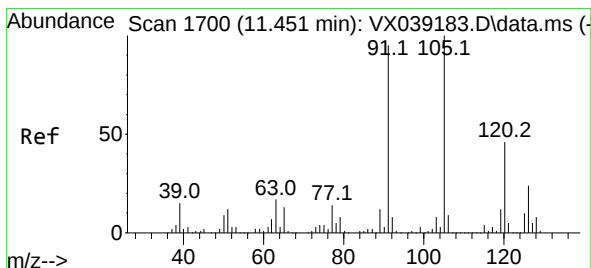
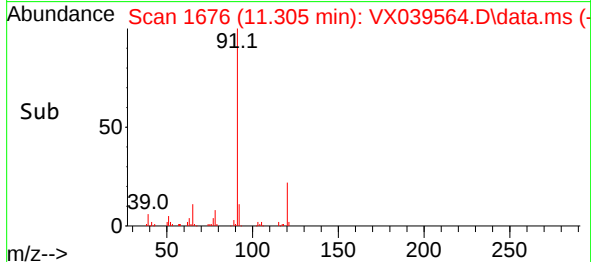
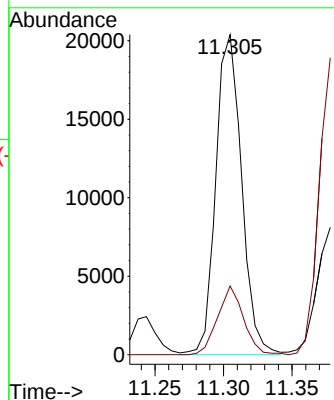
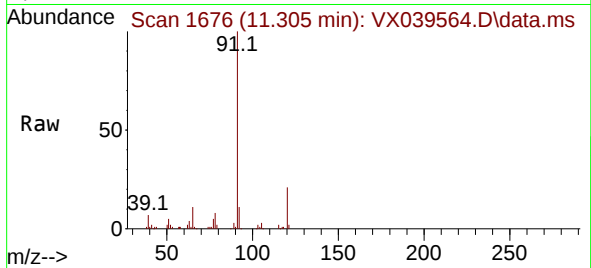




#78
n-propylbenzene
Concen: 2.982 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

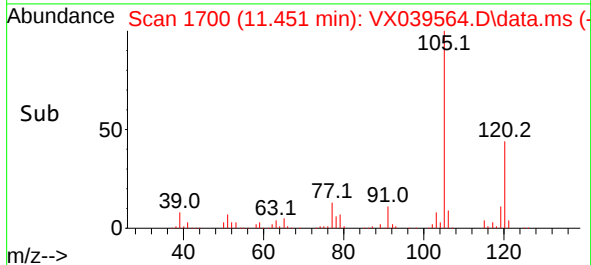
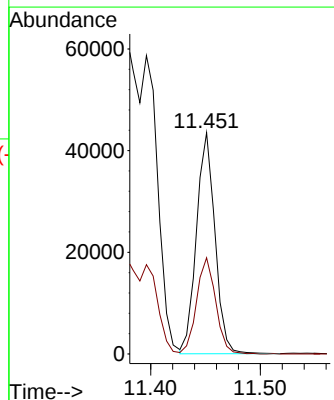
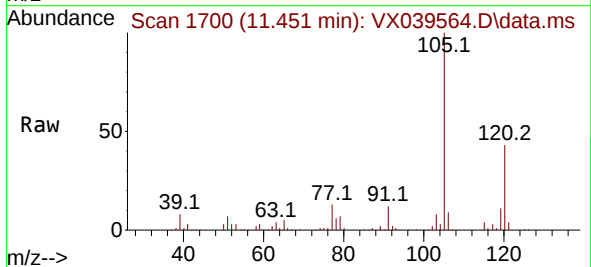
Instrument :
MSVOA_X
ClientSampleId :
T-803RE

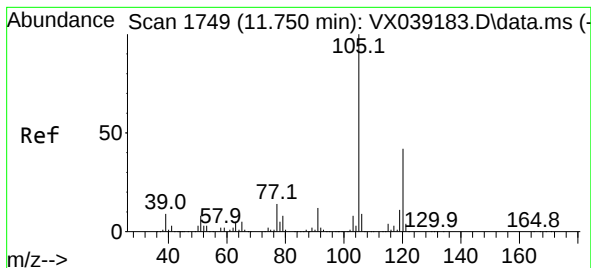
Tgt Ion: 91 Resp: 26666
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.4



#80
1,3,5-Trimethylbenzene
Concen: 8.263 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

Tgt Ion: 105 Resp: 51091
Ion Ratio Lower Upper
105 100
120 44.8 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 38.675 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

Instrument :

MSVOA_X

ClientSampleId :

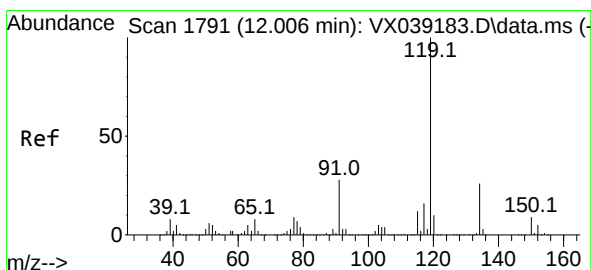
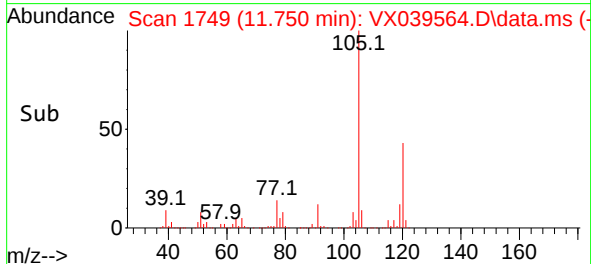
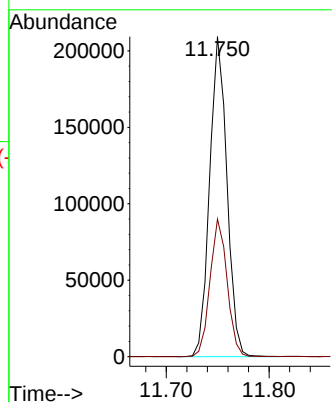
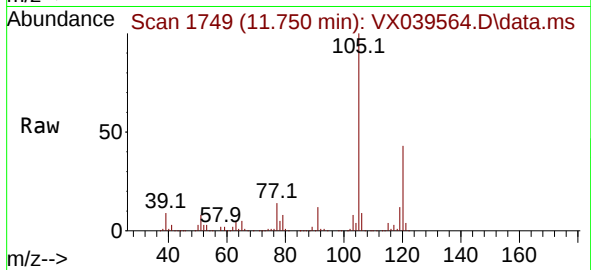
T-803RE

Tgt Ion:105 Resp: 245230

Ion Ratio Lower Upper

105 100

120 42.6 21.2 63.6



#86

p-Isopropyltoluene

Concen: 1.519 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VX039564.D

Acq: 02 Jan 2024 12:07

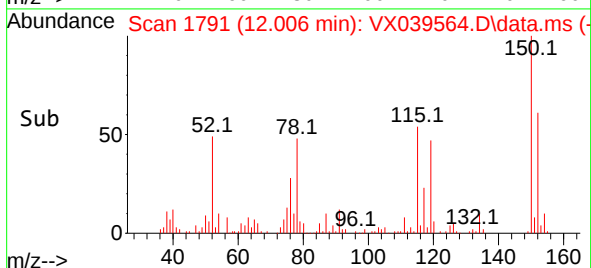
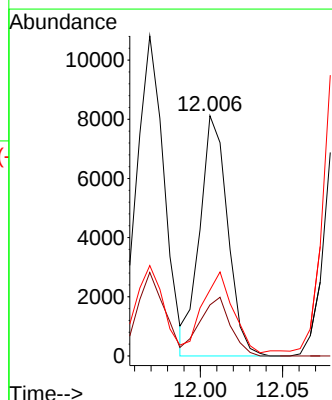
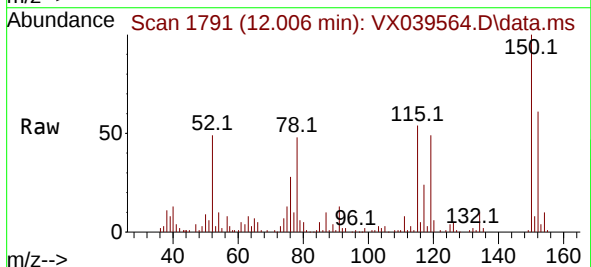
Tgt Ion:119 Resp: 9548

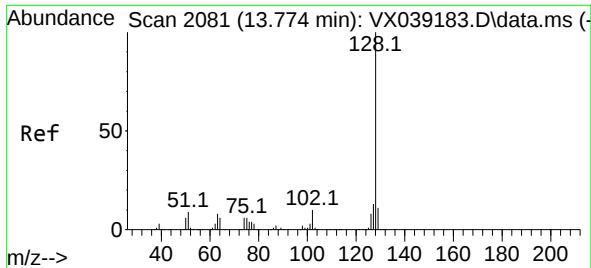
Ion Ratio Lower Upper

119 100

134 27.0 12.8 38.3

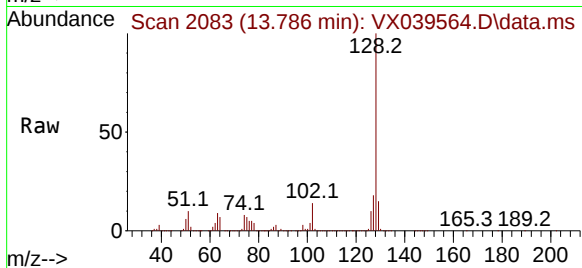
91 0.0 13.1 39.3#





#95
Naphthalene
Concen: 1522.923 ug/l
RT: 13.786 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX039564.D
Acq: 02 Jan 2024 12:07

Instrument :
MSVOA_X
ClientSampleId :
T-803RE



Tgt Ion:128 Resp:10477858
Ion Ratio Lower Upper
128 100
127 16.2 10.3 15.5#
129 13.8 8.8 13.2#

