

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041924\
 Data File : VX041175.D
 Acq On : 19 Apr 2024 14:04
 Operator : JC/MD
 Sample : P2121-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1348RE

Quant Time: Apr 20 01:31:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 02:04:44 2024
 Response via : Initial Calibration

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

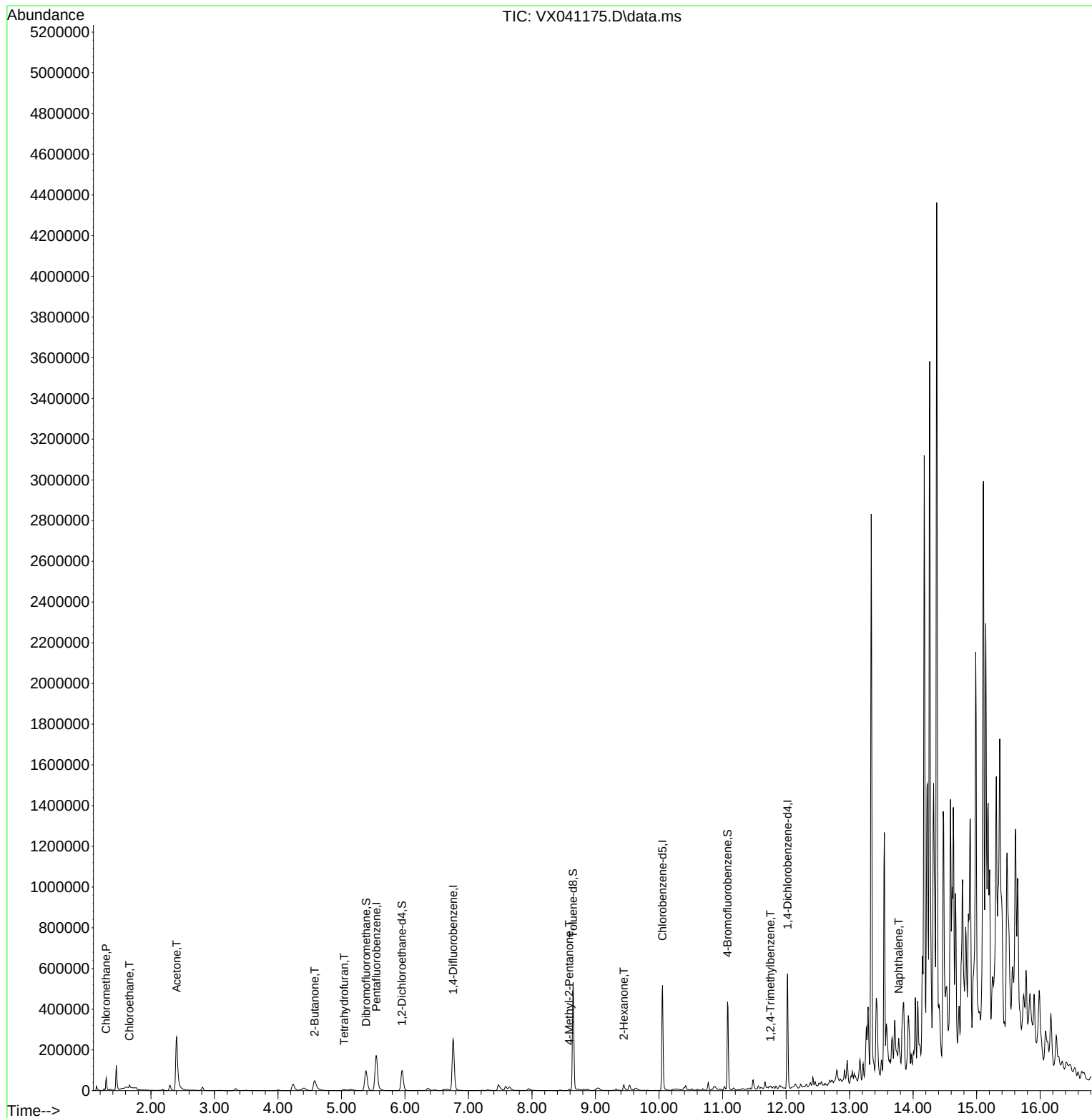
Internal Standards						
1) Pentafluorobenzene	5.550	168	192245	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	283340	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	255765	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135681	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	98460	47.438	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.880%
35) Dibromofluoromethane	5.385	113	86232	45.559	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.120%
50) Toluene-d8	8.647	98	324465	48.940	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.880%
62) 4-Bromofluorobenzene	11.079	95	113661	45.162	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.320%
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	42681	25.186	ug/l	99
6) Chloroethane	1.660	64	9066	7.071	ug/l	95
16) Acetone	2.404	43	404303	463.433	ug/l	93
25) 2-Butanone	4.574	43	114060	83.212	ug/l	94
29) Tetrahydrofuran	5.044	42	5348	5.893	ug/l	96
51) 4-Methyl-2-Pentanone	8.586	43	5491	1.902	ug/l	98
59) 2-Hexanone	9.445	43	18761	8.401	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	5811	0.873	ug/l #	61
95) Naphthalene	13.774	128	87804	9.834	ug/l #	96

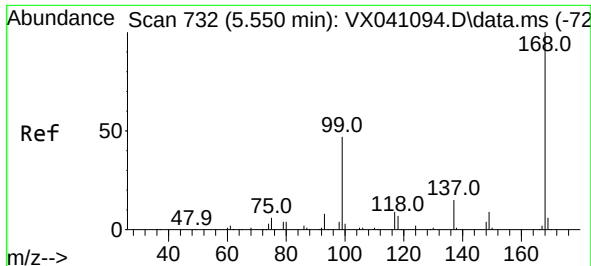
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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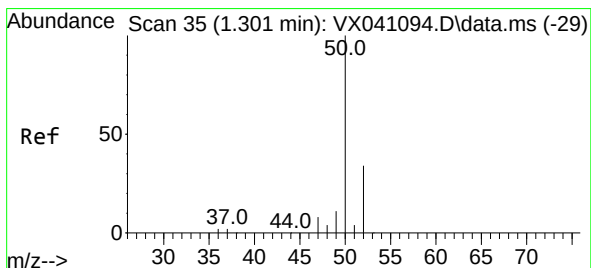
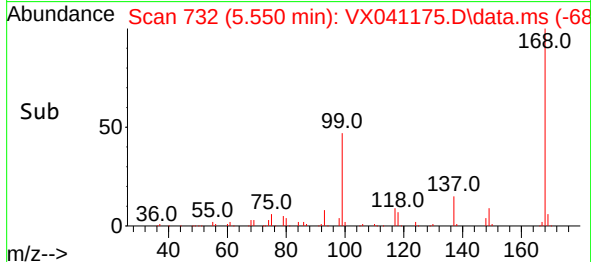
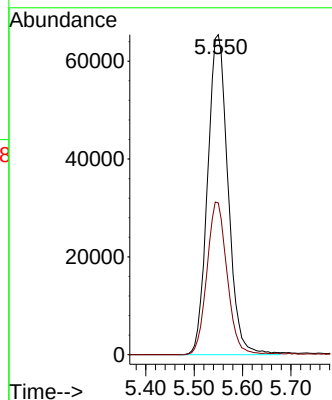
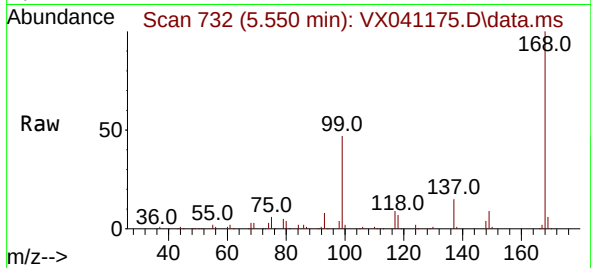




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041175.D
Acq: 19 Apr 2024 14:04

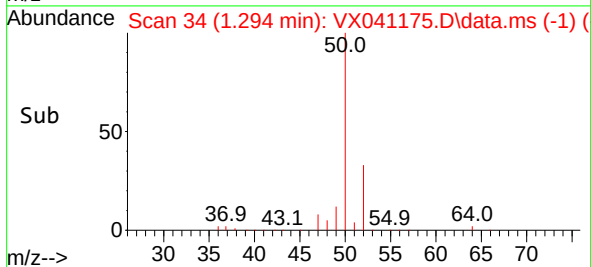
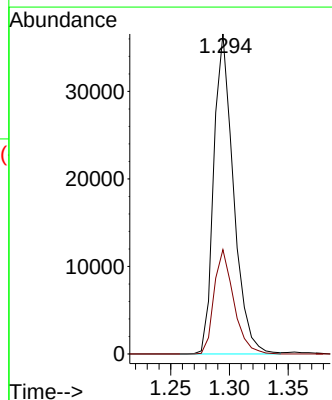
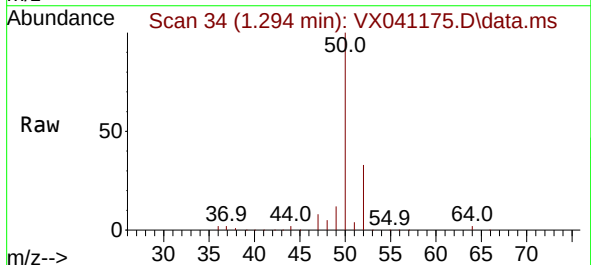
Instrument :
MSVOA_X
ClientSampleId :
1348RE

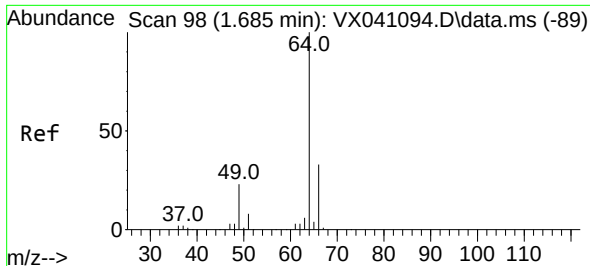
Tgt Ion:168 Resp: 192245
Ion Ratio Lower Upper
168 100
99 47.5 56.6 85.0#



#3
Chloromethane
Concen: 25.186 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041175.D
Acq: 19 Apr 2024 14:04

Tgt Ion: 50 Resp: 42681
Ion Ratio Lower Upper
50 100
52 32.6 25.5 38.3

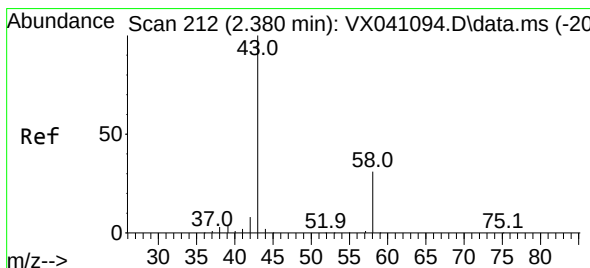
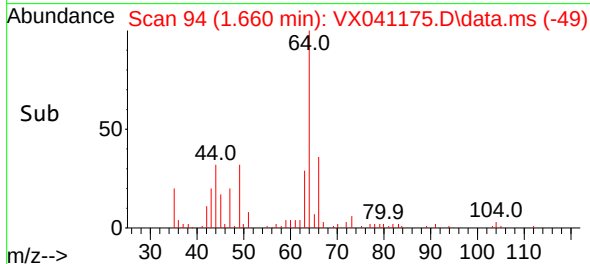
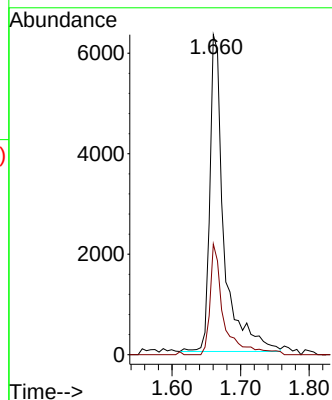
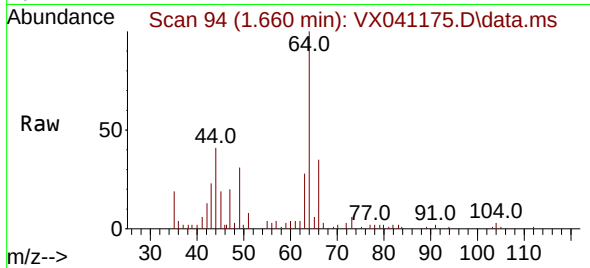




#6
Chloroethane
Concen: 7.071 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.024 min
Lab File: VX041175.D
Acq: 19 Apr 2024 14:04

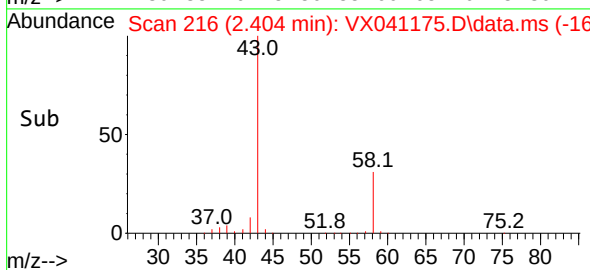
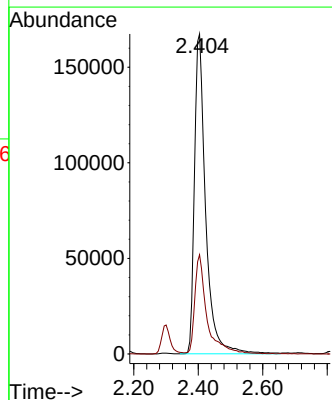
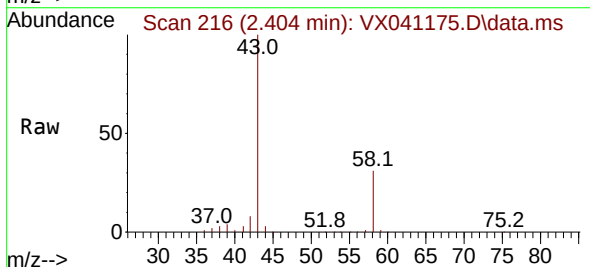
Instrument :
MSVOA_X
ClientSampleId :
1348RE

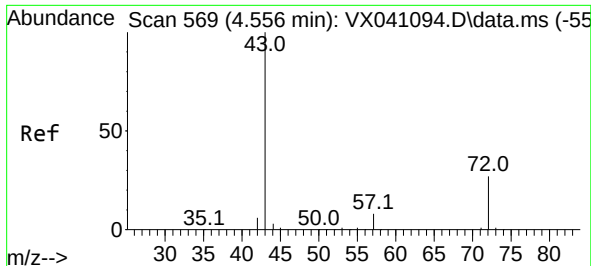
Tgt Ion: 64 Resp: 9066
Ion Ratio Lower Upper
64 100
66 34.1 25.1 37.7



#16
Acetone
Concen: 463.433 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.024 min
Lab File: VX041175.D
Acq: 19 Apr 2024 14:04

Tgt Ion: 43 Resp: 404303
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9

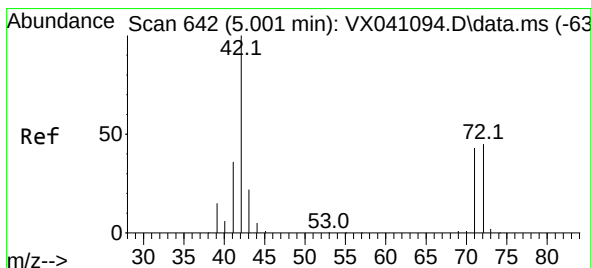
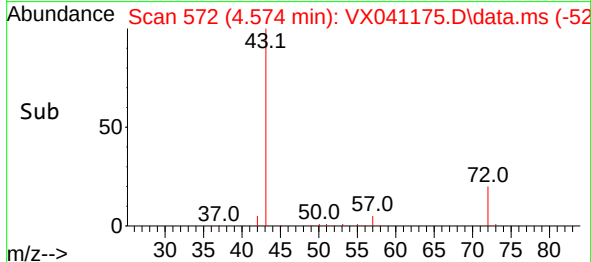
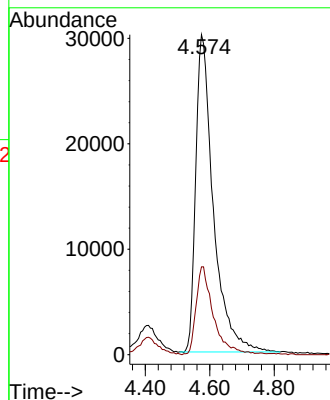
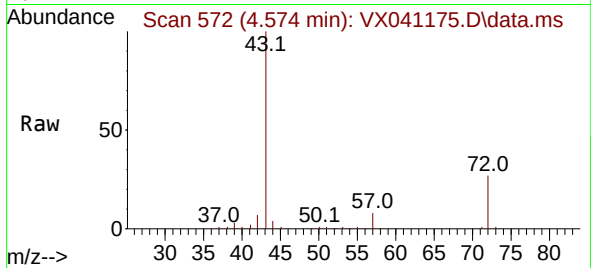




#25
2-Butanone
Concen: 83.212 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX041175.D
Acq: 19 Apr 2024 14:04

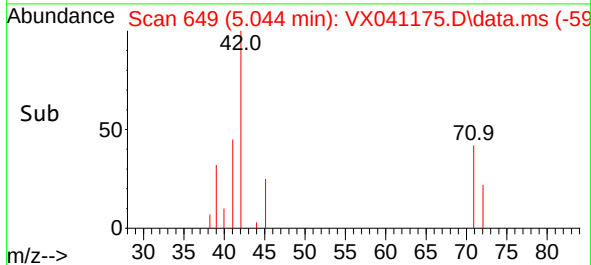
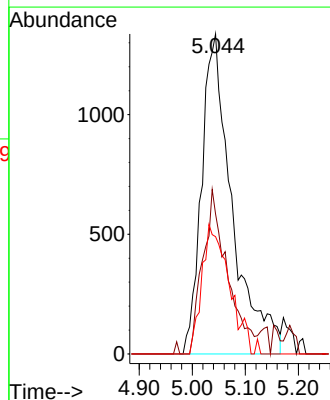
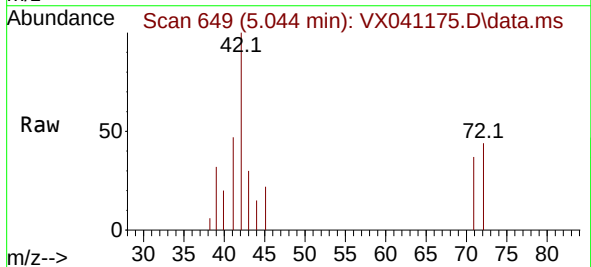
Instrument :
MSVOA_X
ClientSampleId :
1348RE

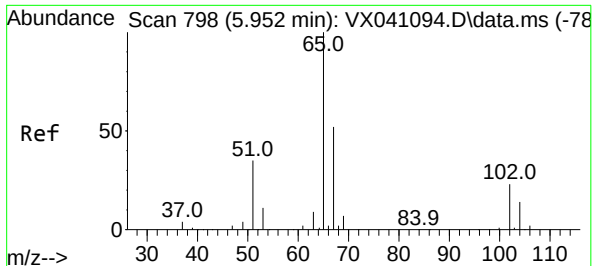
Tgt Ion: 43 Resp: 114060
Ion Ratio Lower Upper
43 100
72 27.5 19.4 29.2



#29
Tetrahydrofuran
Concen: 5.893 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.043 min
Lab File: VX041175.D
Acq: 19 Apr 2024 14:04

Tgt Ion: 42 Resp: 5348
Ion Ratio Lower Upper
42 100
72 41.5 34.2 51.4
71 35.8 32.2 48.2





#33

1,2-Dichloroethane-d4

Concen: 47.438 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX041175.D

Acq: 19 Apr 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :

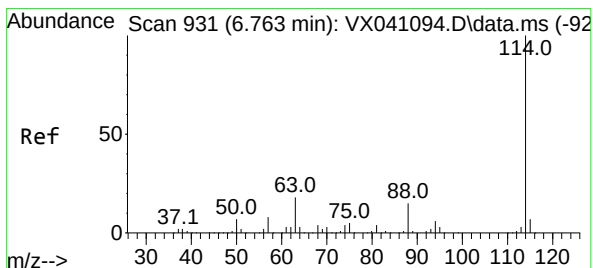
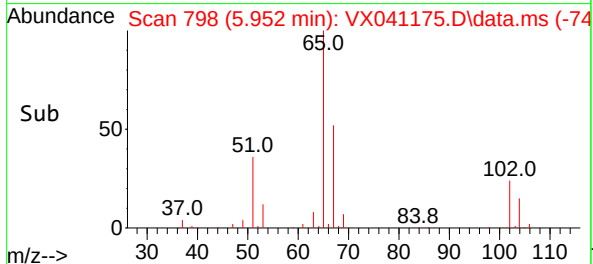
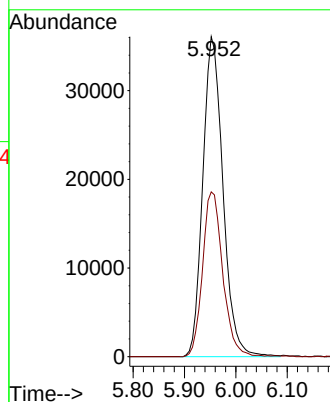
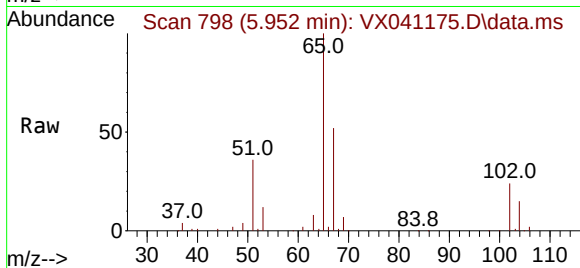
1348RE

Tgt Ion: 65 Resp: 98460

Ion Ratio Lower Upper

65 100

67 51.6 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: VX041175.D

Acq: 19 Apr 2024 14:04

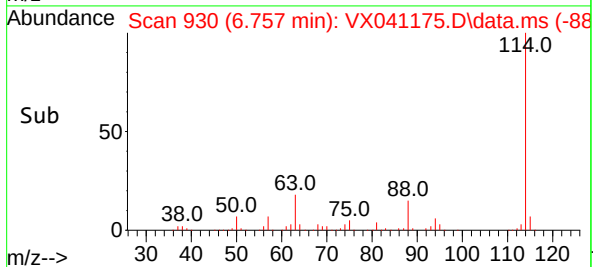
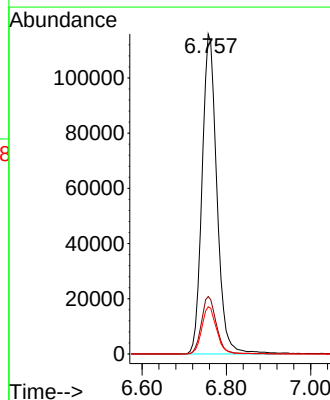
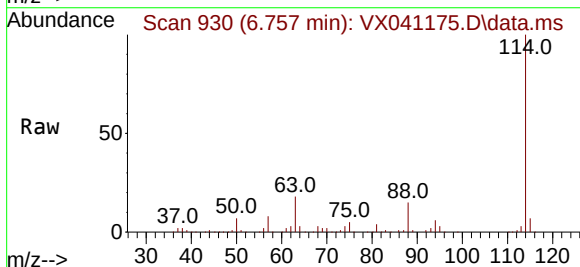
Tgt Ion: 114 Resp: 283340

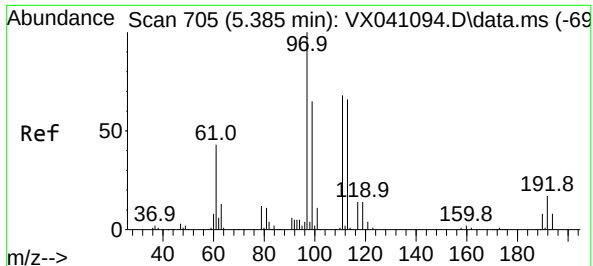
Ion Ratio Lower Upper

114 100

63 18.0 0.0 45.0

88 14.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.559 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX041175.D

Acq: 19 Apr 2024 14:04

Instrument :

MSVOA_X

ClientSampleId :

1348RE

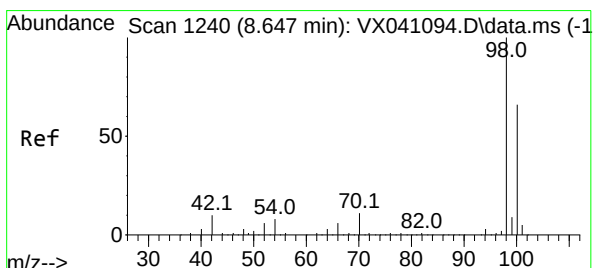
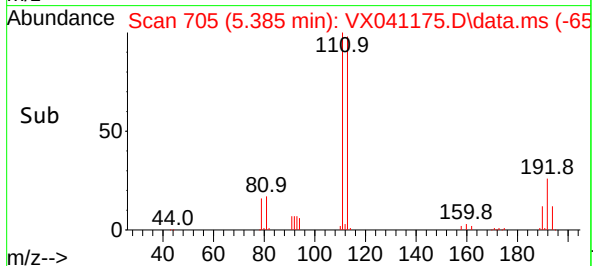
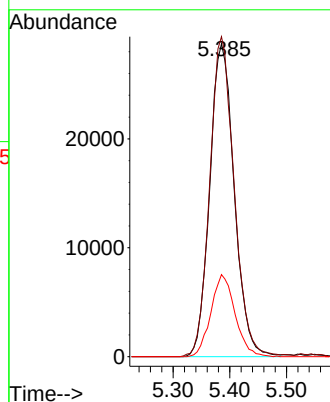
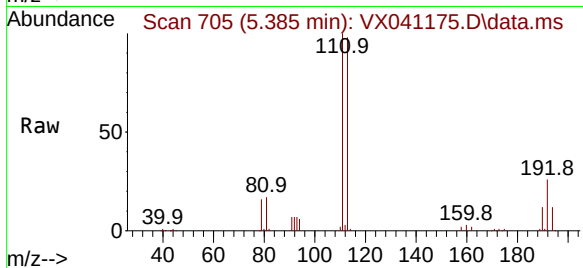
Tgt Ion:113 Resp: 86232

Ion Ratio Lower Upper

113 100

111 101.9 82.9 124.3

192 25.9 13.3 19.9#



#50

Toluene-d8

Concen: 48.940 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX041175.D

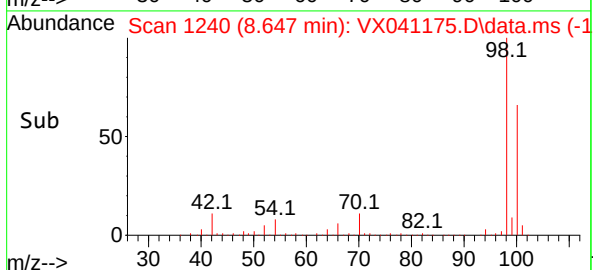
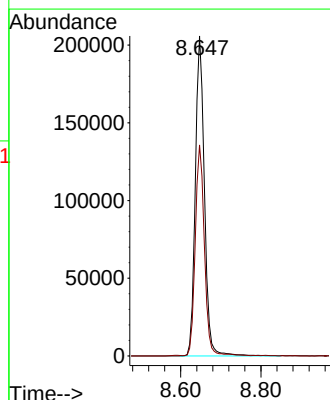
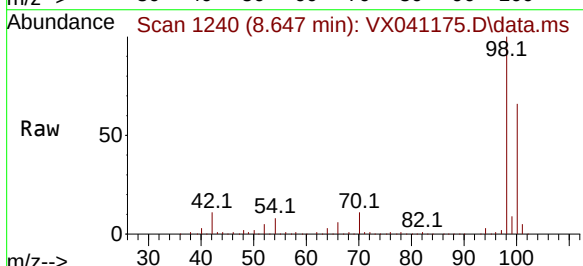
Acq: 19 Apr 2024 14:04

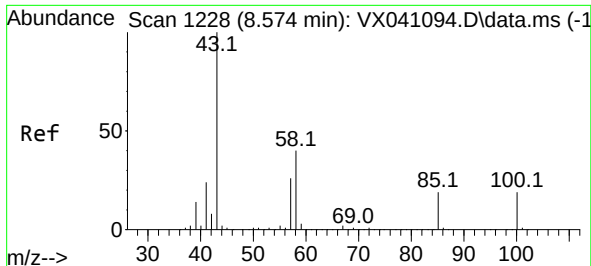
Tgt Ion: 98 Resp: 324465

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7

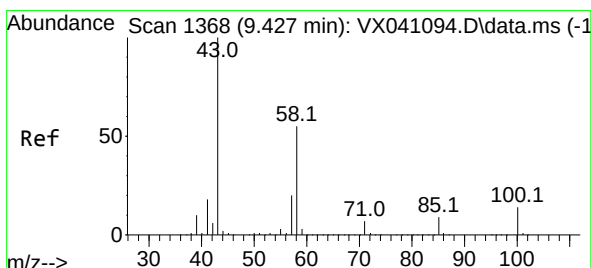
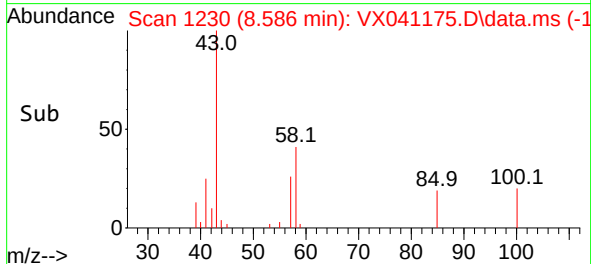
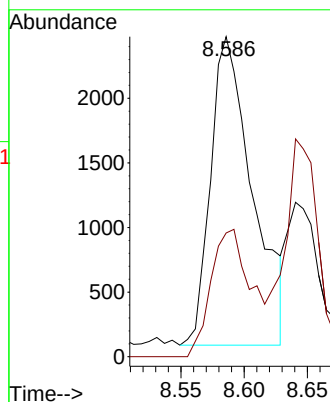
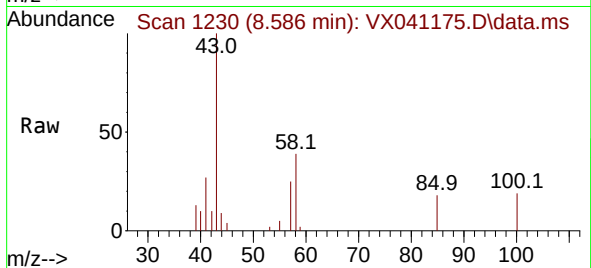




#51
4-Methyl-2-Pentanone
Concen: 1.902 ug/l
RT: 8.586 min Scan# 11348RE
Delta R.T. 0.012 min
Lab File: VX041175.D
Acq: 19 Apr 2024 14:04

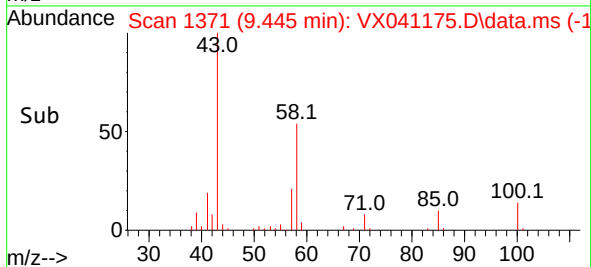
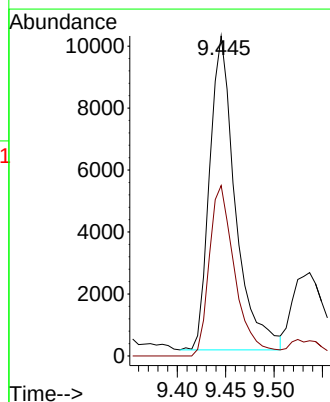
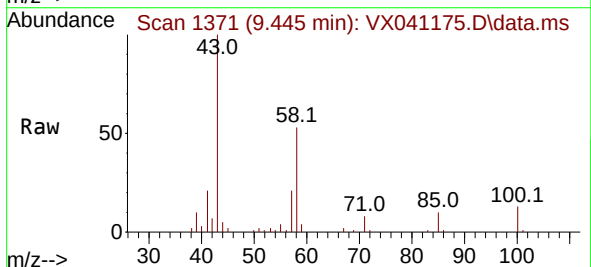
Instrument :
MSVOA_X
ClientSampleId :
1348RE

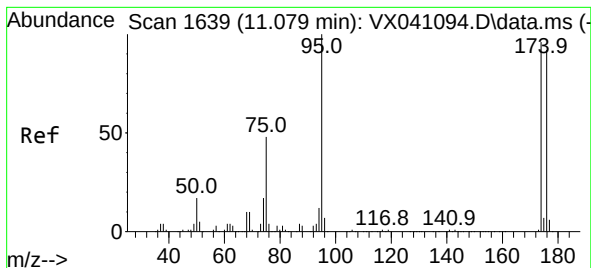
Tgt Ion: 43 Resp: 5491
Ion Ratio Lower Upper
43 100
58 39.5 30.4 45.6



#59
2-Hexanone
Concen: 8.401 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.018 min
Lab File: VX041175.D
Acq: 19 Apr 2024 14:04

Tgt Ion: 43 Resp: 18761
Ion Ratio Lower Upper
43 100
58 54.2 26.2 78.5

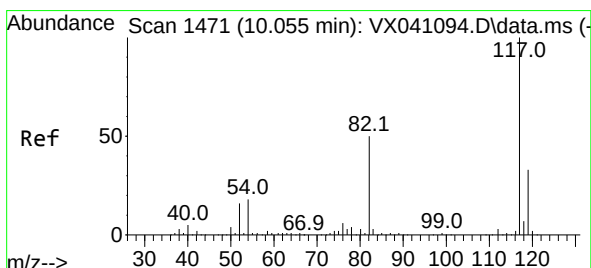
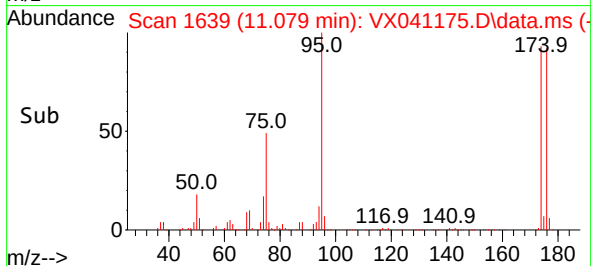
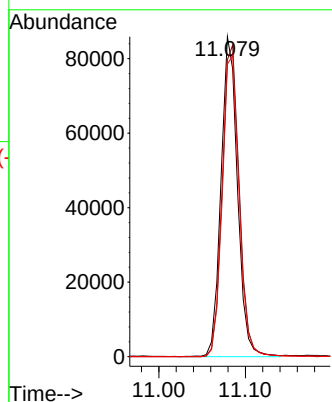
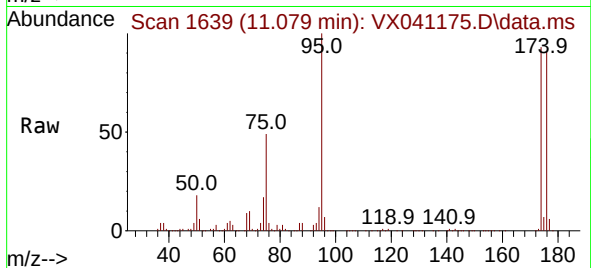




#62
4-Bromofluorobenzene
Concen: 45.162 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041175.D
Acq: 19 Apr 2024 14:04

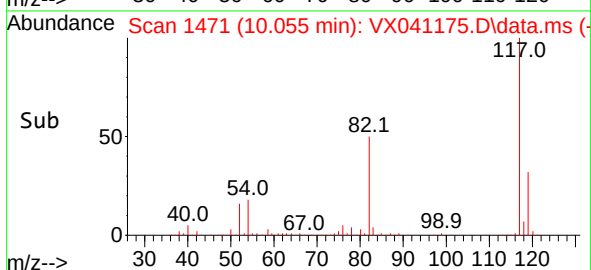
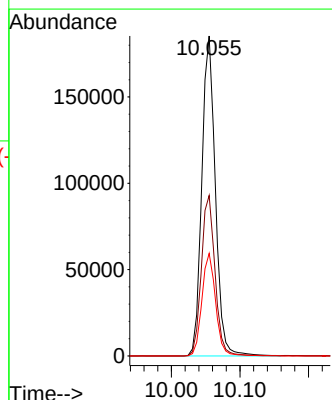
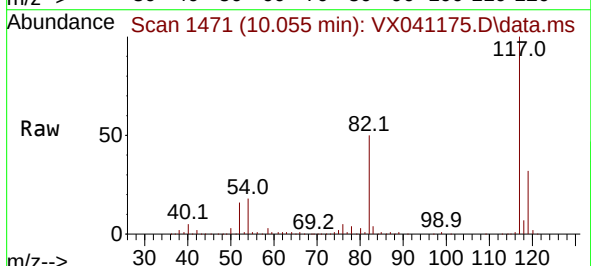
Instrument :
MSVOA_X
ClientSampleId :
1348RE

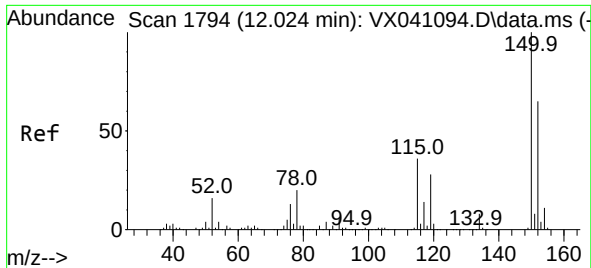
Tgt Ion: 95 Resp: 113661
Ion Ratio Lower Upper
95 100
174 100.8 0.0 135.6
176 96.5 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX041175.D
Acq: 19 Apr 2024 14:04

Tgt Ion: 117 Resp: 255765
Ion Ratio Lower Upper
117 100
82 50.2 46.2 69.4
119 32.0 25.5 38.3

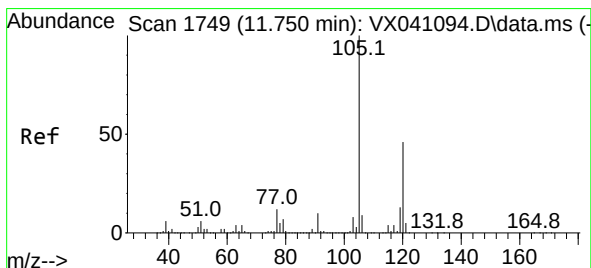
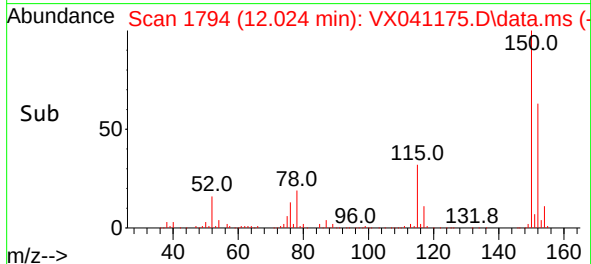
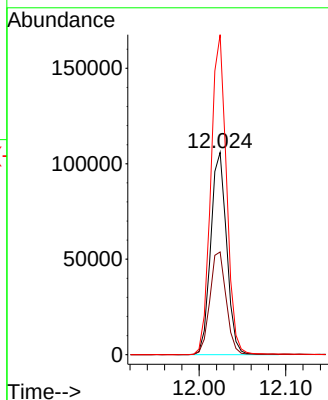
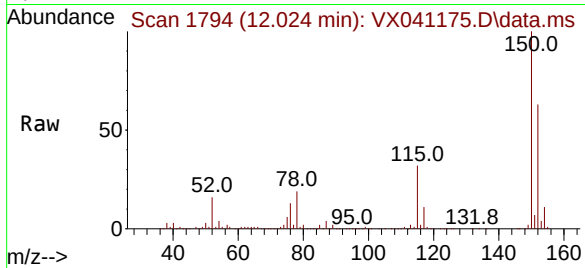




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX041175.D
 Acq: 19 Apr 2024 14:04

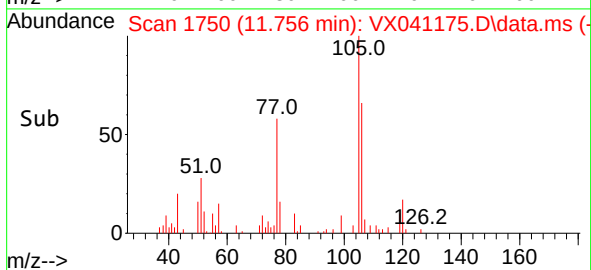
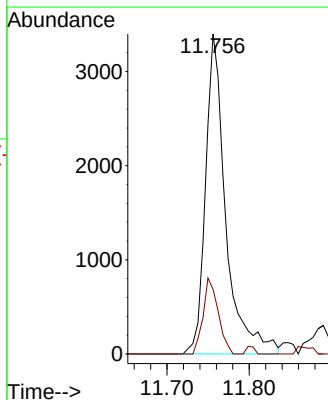
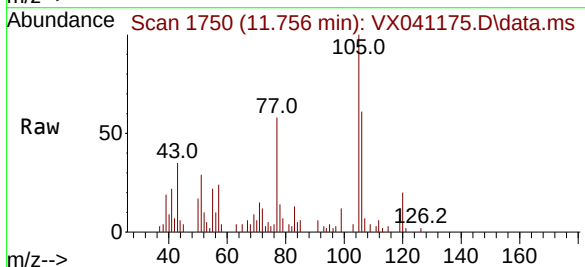
Instrument :
 MSVOA_X
 ClientSampleId :
 1348RE

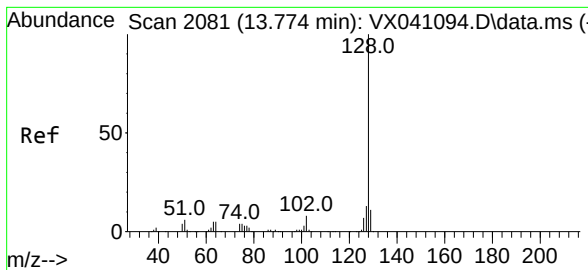
Tgt Ion:152 Resp: 135681
 Ion Ratio Lower Upper
 152 100
 115 52.2 43.3 129.9
 150 156.2 0.0 345.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.873 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX041175.D
 Acq: 19 Apr 2024 14:04

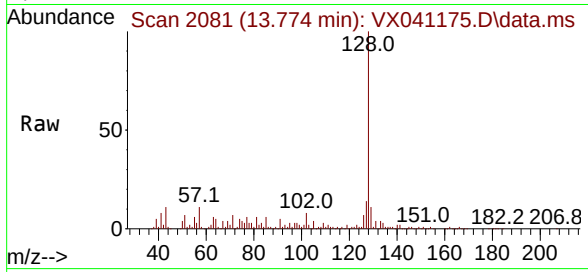
Tgt Ion:105 Resp: 5811
 Ion Ratio Lower Upper
 105 100
 120 17.6 21.2 63.6#





#95
Naphthalene
Concen: 9.834 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX041175.D
Acq: 19 Apr 2024 14:04

Instrument :
MSVOA_X
ClientSampleId :
1348RE



Tgt Ion:128 Resp: 87804

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.3	15.5
129	13.6	8.8	13.2#

