

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030725\
 Data File : VY021458.D
 Acq On : 07 Mar 2025 14:05
 Operator : SY/MD
 Sample : Q1463-10
 Misc : 7.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T10

Quant Time: Mar 07 22:01:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	289637	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	520171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	457030	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	176291	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	169958	55.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.040%
35) Dibromofluoromethane	7.634	113	173484	50.739	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.480%
50) Toluene-d8	10.109	98	622506	48.085	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.160%
62) 4-Bromofluorobenzene	12.408	95	189635	43.063	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	86.120%

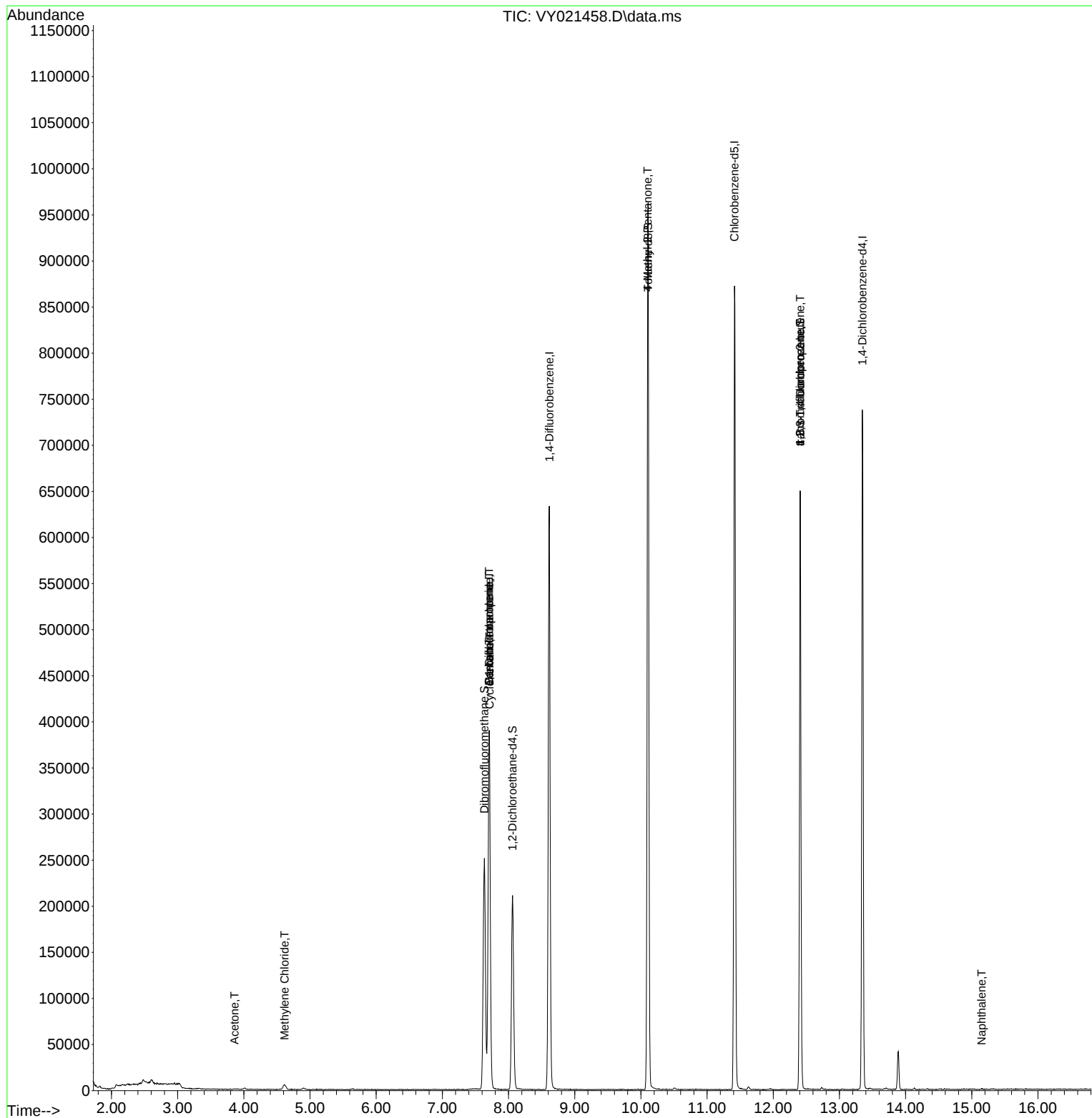
Target Compounds					Qvalue	
16) Acetone	3.860	43	893	1.337	ug/l #	74
20) Methylene Chloride	4.616	84	3741	1.067	ug/l #	88
31) Cyclohexane	7.713	56	6730	1.174	ug/l #	37
36) 1,1-Dichloropropene	7.707	75	24216	4.525	ug/l #	50
38) Carbon Tetrachloride	7.707	117	30324	4.927	ug/l #	16
51) 4-Methyl-2-Pentanone	10.103	43	3219	1.359	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	101331	57.041	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	101331	129.672	ug/l #	9
95) Naphthalene	15.151	128	559	1.566	ug/l #	80

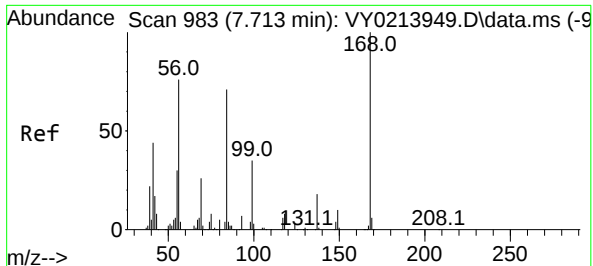
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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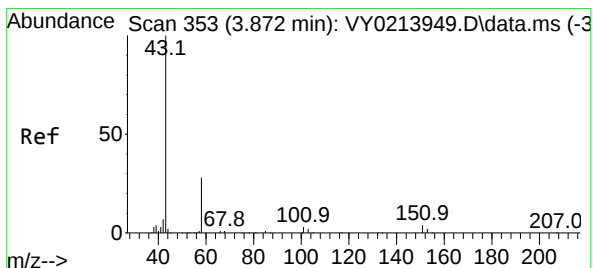
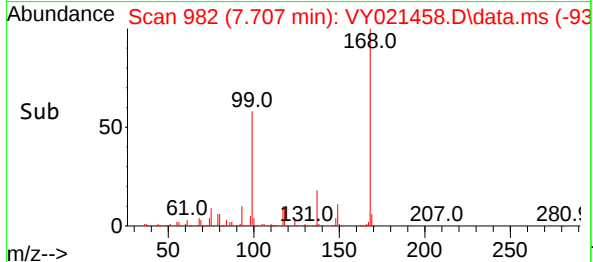
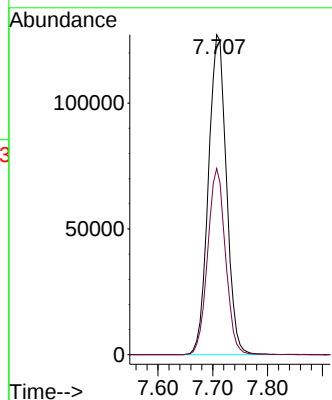
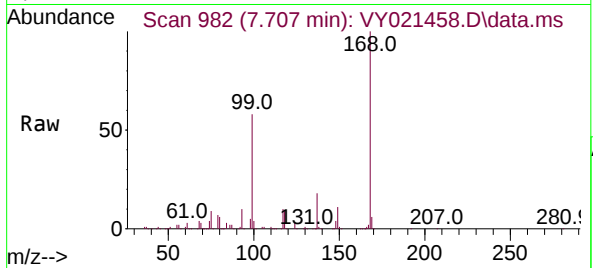




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021458.D
Acq: 07 Mar 2025 14:05

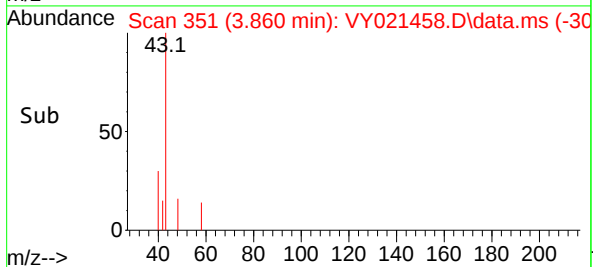
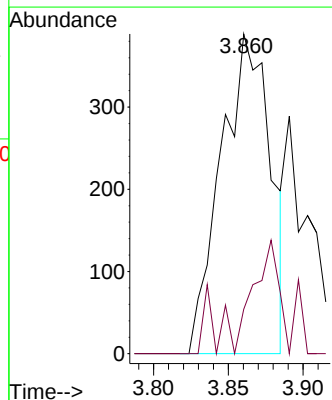
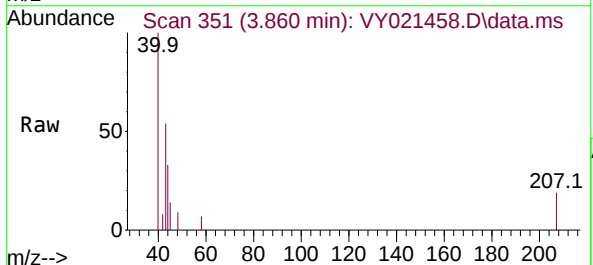
Instrument :
MSVOA_Y
ClientSampleId :
T10

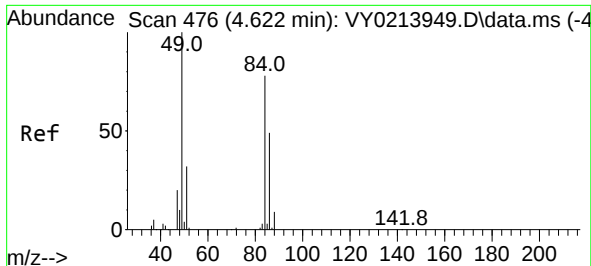
Tgt Ion:168 Resp: 289637
Ion Ratio Lower Upper
168 100
99 58.2 46.0 69.0



#16
Acetone
Concen: 1.337 ug/l
RT: 3.860 min Scan# 351
Delta R.T. -0.012 min
Lab File: VY021458.D
Acq: 07 Mar 2025 14:05

Tgt Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
58 13.9 22.1 33.1#



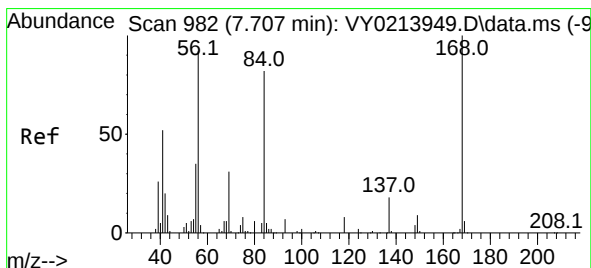
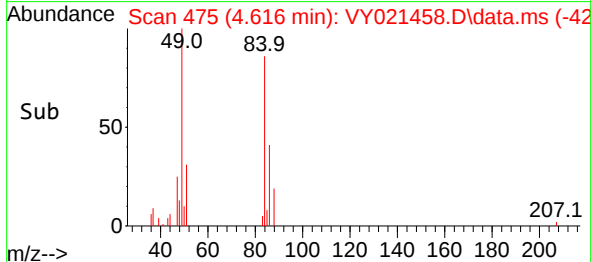
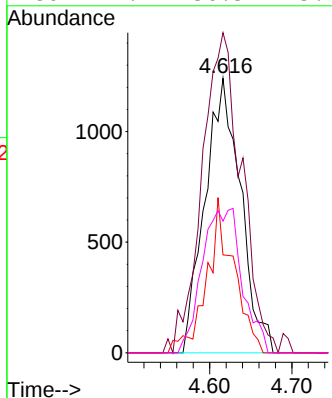
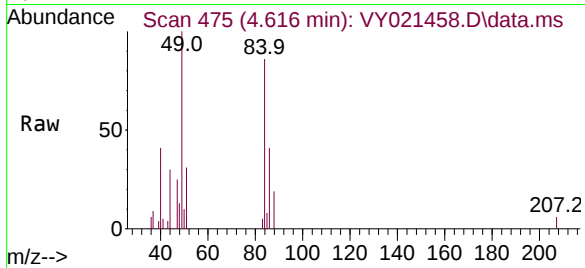


#20
Methylene Chloride
Concen: 1.067 ug/l
RT: 4.616 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY021458.D
Acq: 07 Mar 2025 14:05

Instrument :
MSVOA_Y
ClientSampleId :
T10

Tgt Ion: 84 Resp: 3741

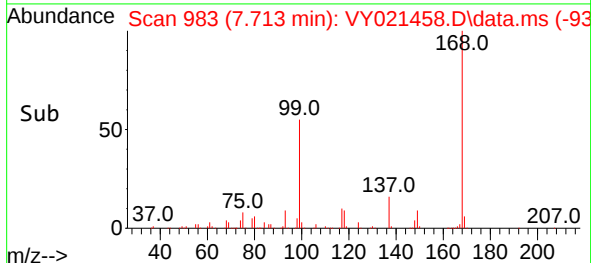
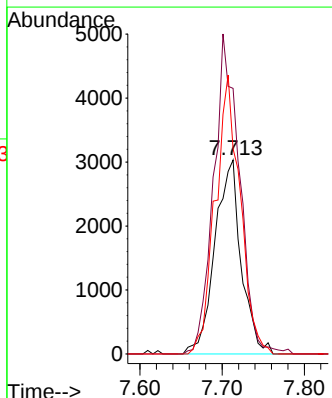
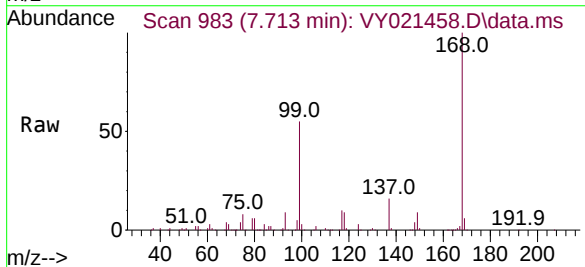
Ion	Ratio	Lower	Upper
84	100		
49	116.6	102.0	153.0
51	35.6	33.0	49.6
86	47.9	50.5	75.7#

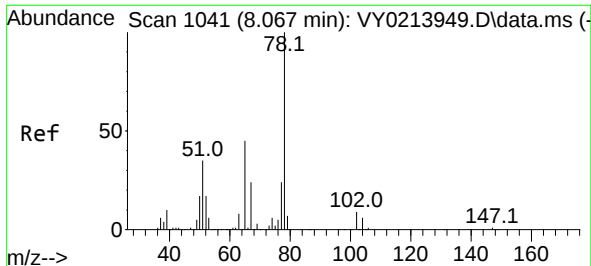


#31
Cyclohexane
Concen: 1.174 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021458.D
Acq: 07 Mar 2025 14:05

Tgt Ion: 56 Resp: 6730

Ion	Ratio	Lower	Upper
56	100		
69	137.0	27.0	40.4#
84	105.8	71.1	106.7





#33

1,2-Dichloroethane-d4

Concen: 55.518 ug/l

RT: 8.061 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY021458.D

Acq: 07 Mar 2025 14:05

Instrument :

MSVOA_Y

ClientSampleId :

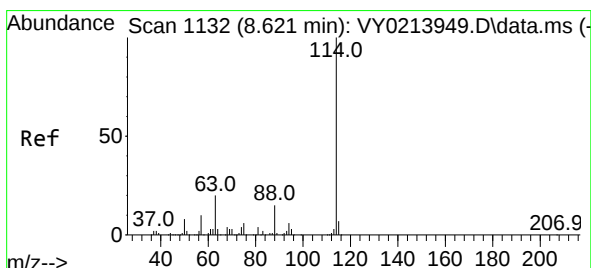
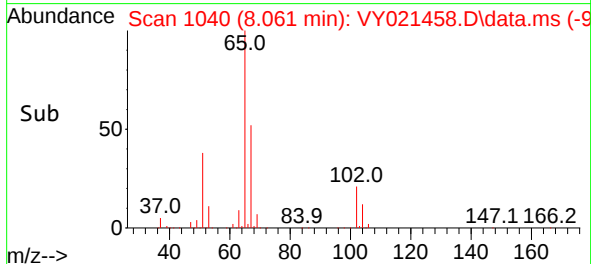
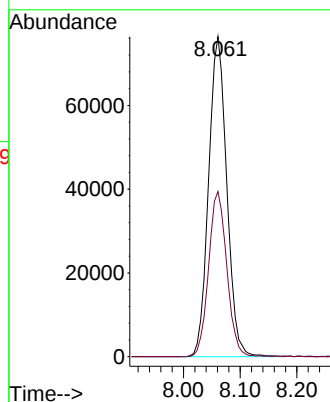
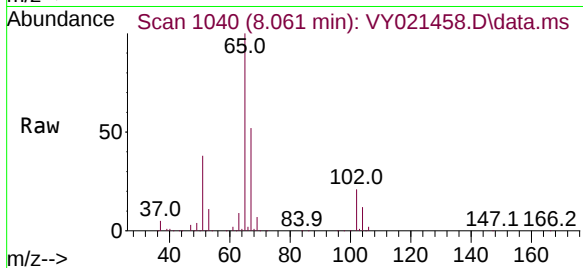
T10

Tgt Ion: 65 Resp: 169958

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021458.D

Acq: 07 Mar 2025 14:05

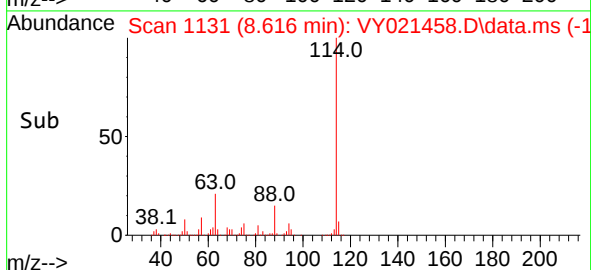
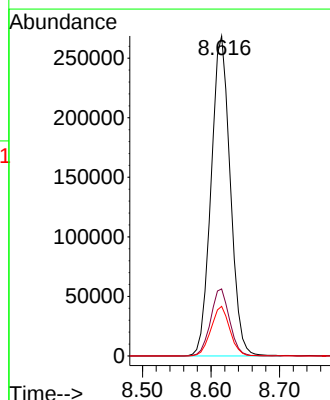
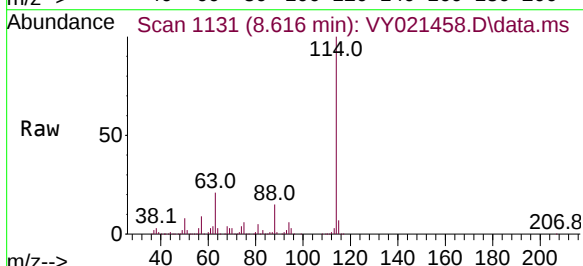
Tgt Ion: 114 Resp: 520171

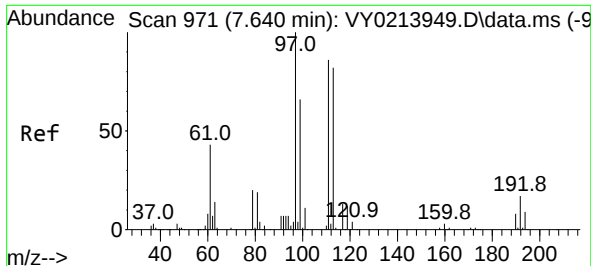
Ion Ratio Lower Upper

114 100

63 21.0 0.0 40.8

88 15.5 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.739 ug/l

RT: 7.634 min Scan# 91

Delta R.T. -0.006 min

Lab File: VY021458.D

Acq: 07 Mar 2025 14:05

Instrument :

MSVOA_Y

ClientSampleId :

T10

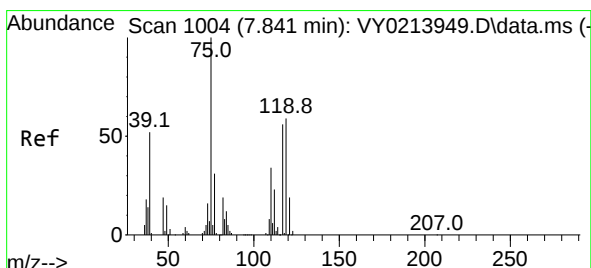
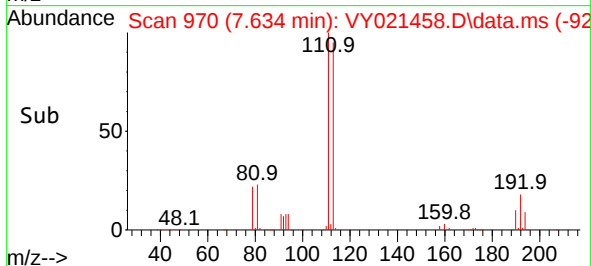
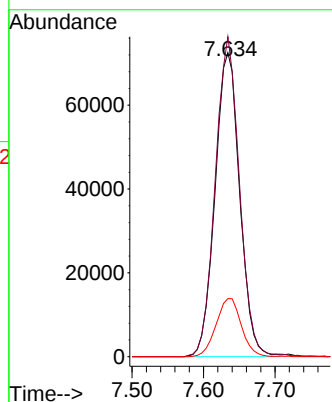
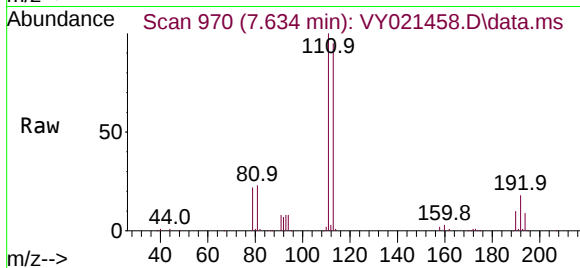
Tgt Ion:113 Resp: 173484

Ion Ratio Lower Upper

113 100

111 103.6 82.0 123.0

192 19.6 15.9 23.9



#36

1,1-Dichloropropene

Concen: 4.525 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.134 min

Lab File: VY021458.D

Acq: 07 Mar 2025 14:05

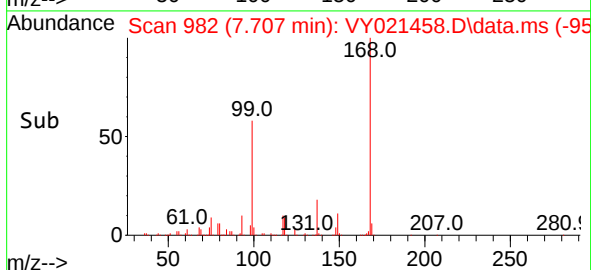
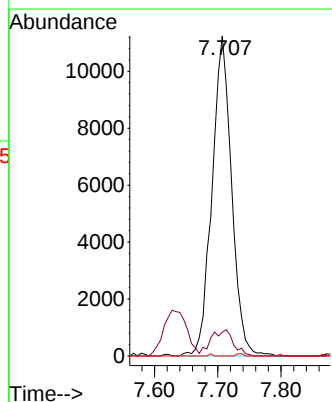
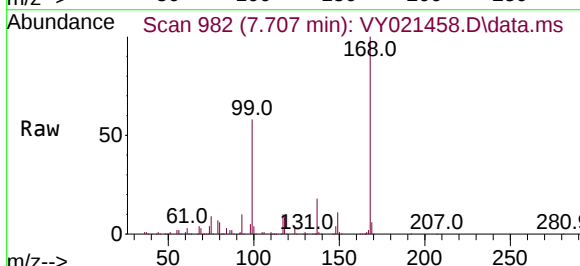
Tgt Ion: 75 Resp: 24216

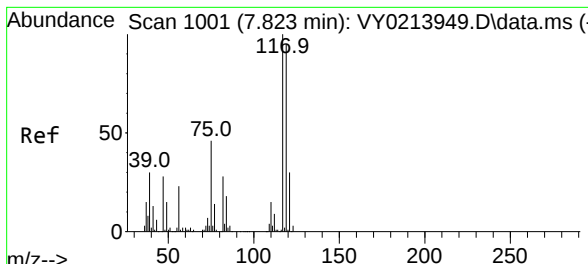
Ion Ratio Lower Upper

75 100

110 9.4 17.3 51.7#

77 0.0 25.4 38.2#

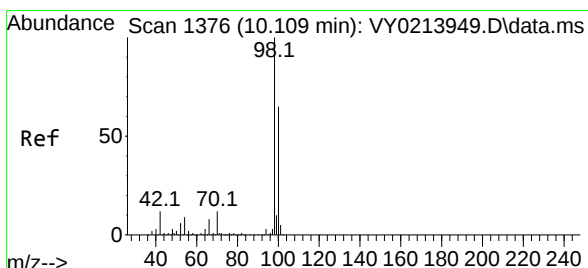
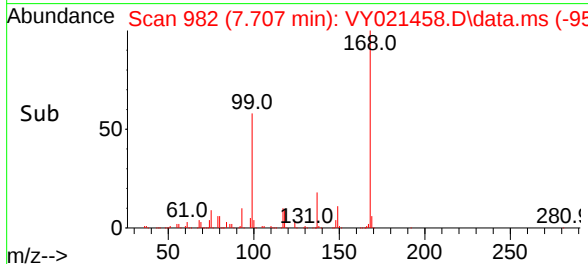
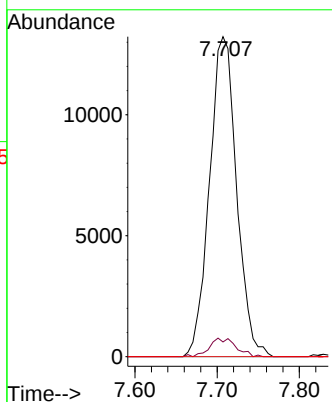
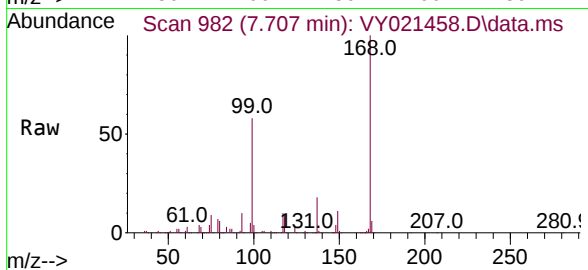




#38
Carbon Tetrachloride
Concen: 4.927 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY021458.D
Acq: 07 Mar 2025 14:05

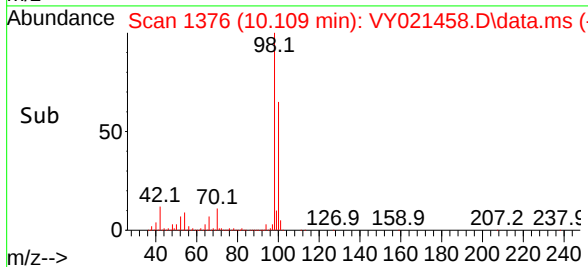
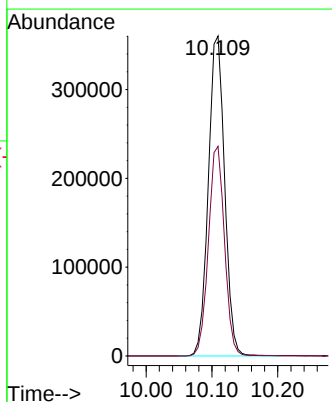
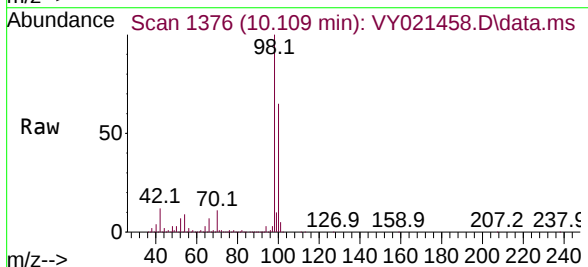
Instrument :
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ClientSampleId :
T10

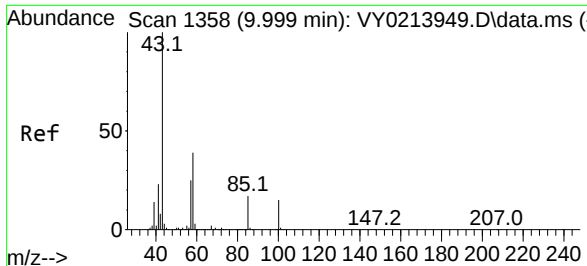
Tgt Ion:	117	Resp:	30324
Ion	Ratio	Lower	Upper
117	100		
119	4.6	75.8	113.8#
121	0.0	23.9	35.9#



#50
Toluene-d8
Concen: 48.085 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021458.D
Acq: 07 Mar 2025 14:05

Tgt Ion:	98	Resp:	622506
Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.1	78.1

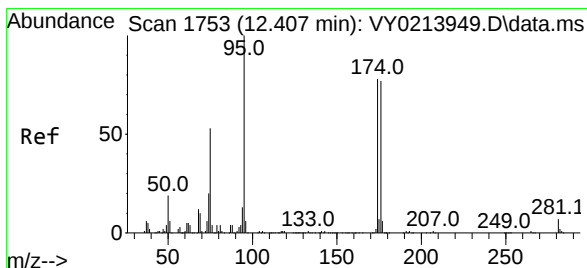
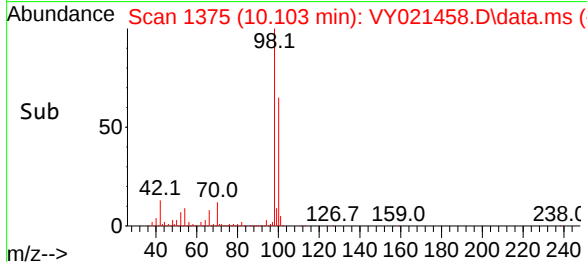
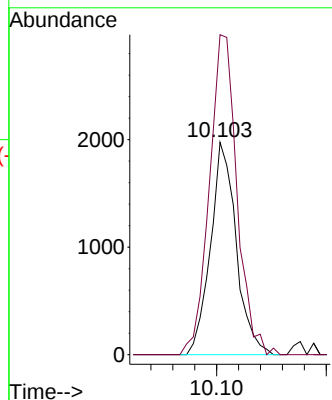
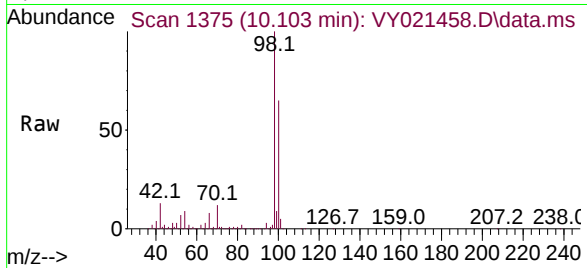




#51
4-Methyl-2-Pentanone
Concen: 1.359 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY021458.D
Acq: 07 Mar 2025 14:05

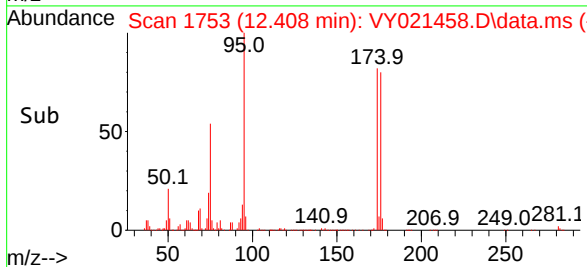
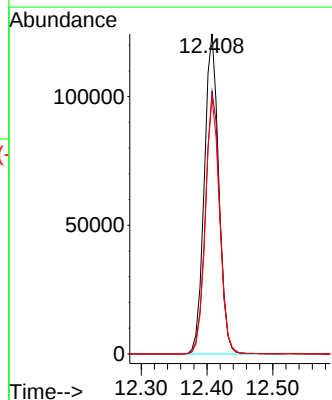
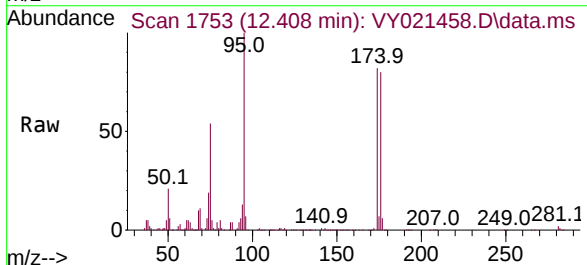
Instrument :
MSVOA_Y
ClientSampleId :
T10

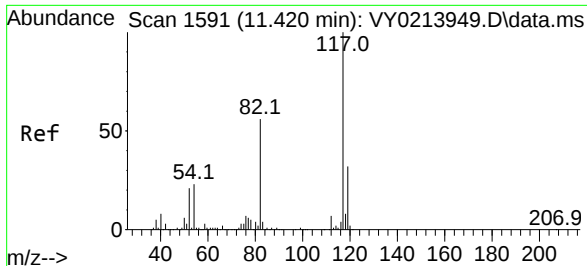
Tgt Ion: 43 Resp: 3219
Ion Ratio Lower Upper
43 100
58 161.8 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 43.063 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021458.D
Acq: 07 Mar 2025 14:05

Tgt Ion: 95 Resp: 189635
Ion Ratio Lower Upper
95 100
174 82.3 0.0 165.0
176 78.9 0.0 160.0

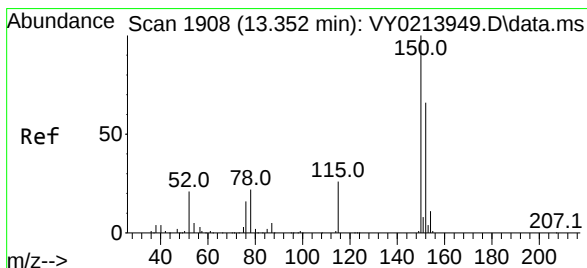
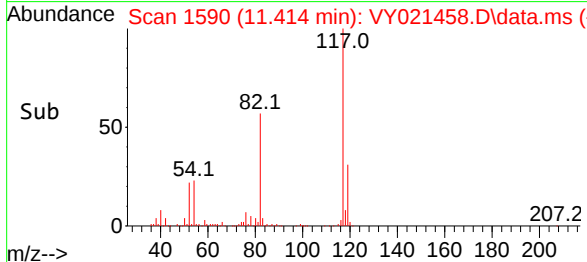
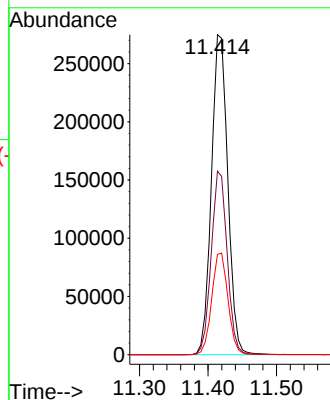
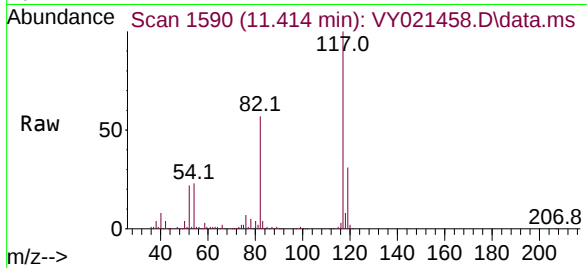




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021458.D
Acq: 07 Mar 2025 14:05

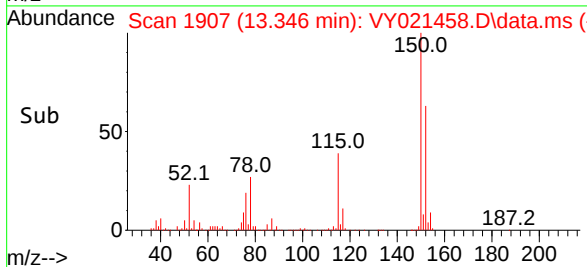
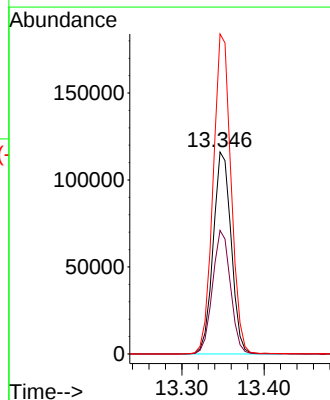
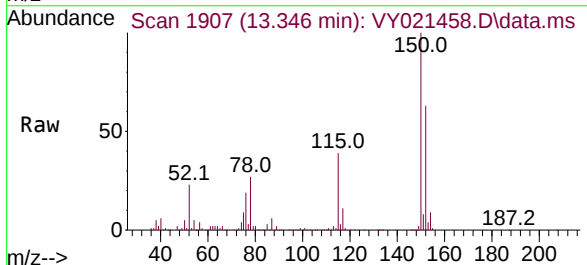
Instrument :
MSVOA_Y
ClientSampleId :
T10

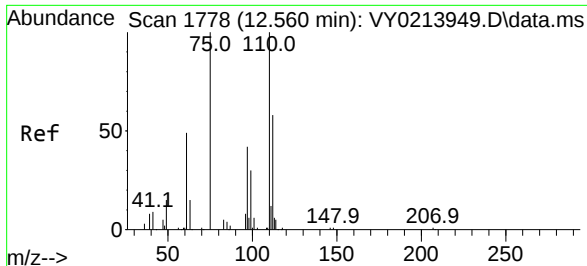
Tgt Ion:117 Resp: 457030
Ion Ratio Lower Upper
117 100
82 57.3 44.6 67.0
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY021458.D
Acq: 07 Mar 2025 14:05

Tgt Ion:152 Resp: 176291
Ion Ratio Lower Upper
152 100
115 61.0 29.0 87.0
150 157.9 0.0 347.2

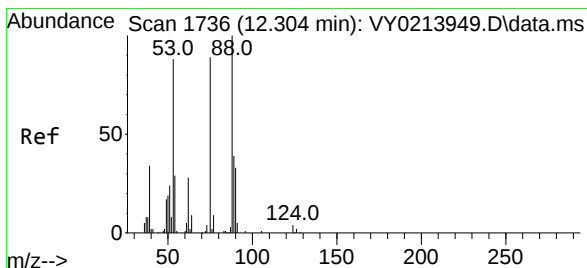
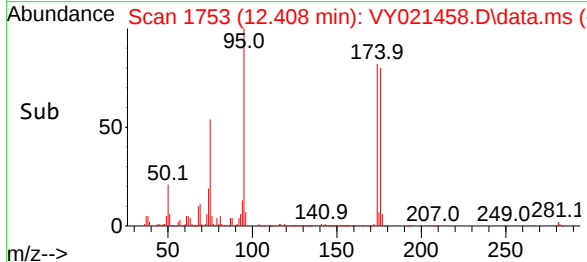
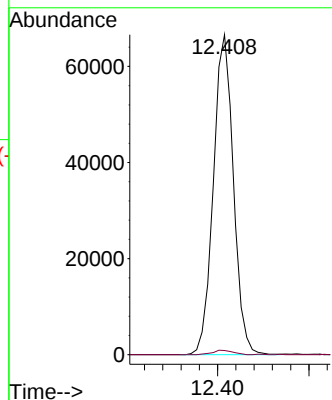
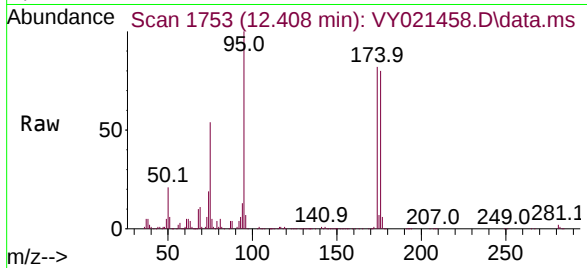




#76
1,2,3-Trichloropropane
Concen: 57.041 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY021458.D
Acq: 07 Mar 2025 14:05

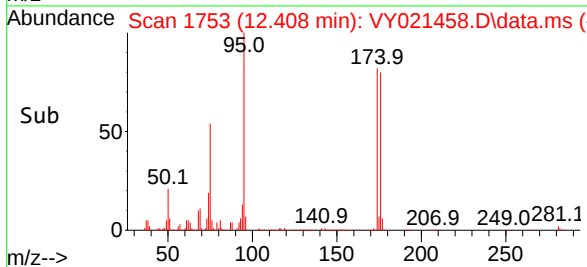
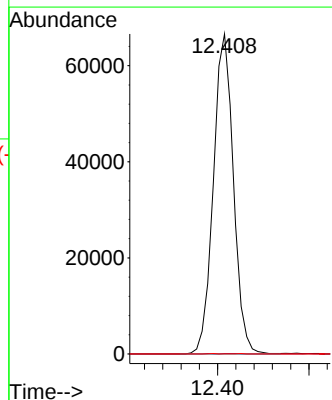
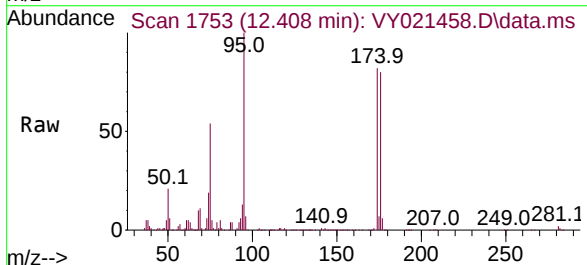
Instrument :
MSVOA_Y
ClientSampleId :
T10

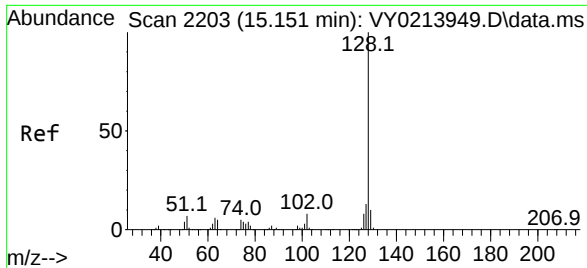
Tgt Ion: 75 Resp: 101331
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.672 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY021458.D
Acq: 07 Mar 2025 14:05

Tgt Ion: 75 Resp: 101331
Ion Ratio Lower Upper
75 100
53 0.1 81.0 121.4#
89 0.0 36.9 55.3#





#95

Naphthalene

Concen: 1.566 ug/l

RT: 15.151 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY021458.D

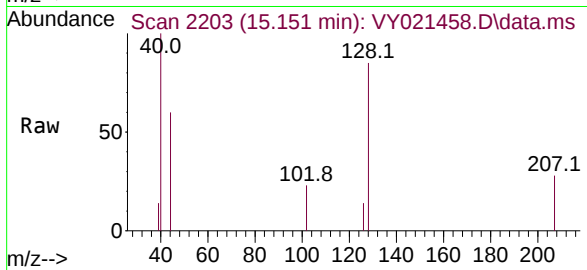
Acq: 07 Mar 2025 14:05

Instrument :

MSVOA_Y

ClientSampleId :

T10



Tgt Ion:	128	Resp:	559
Ion	Ratio	Lower	Upper
128	100		
127	5.2	10.6	15.8#
129	3.4	8.6	13.0#

