

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081224\
 Data File : VN083233.D
 Acq On : 12 Aug 2024 13:23
 Operator : JC\MD
 Sample : P3545-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BUR-1295

Quant Time: Aug 13 04:17:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

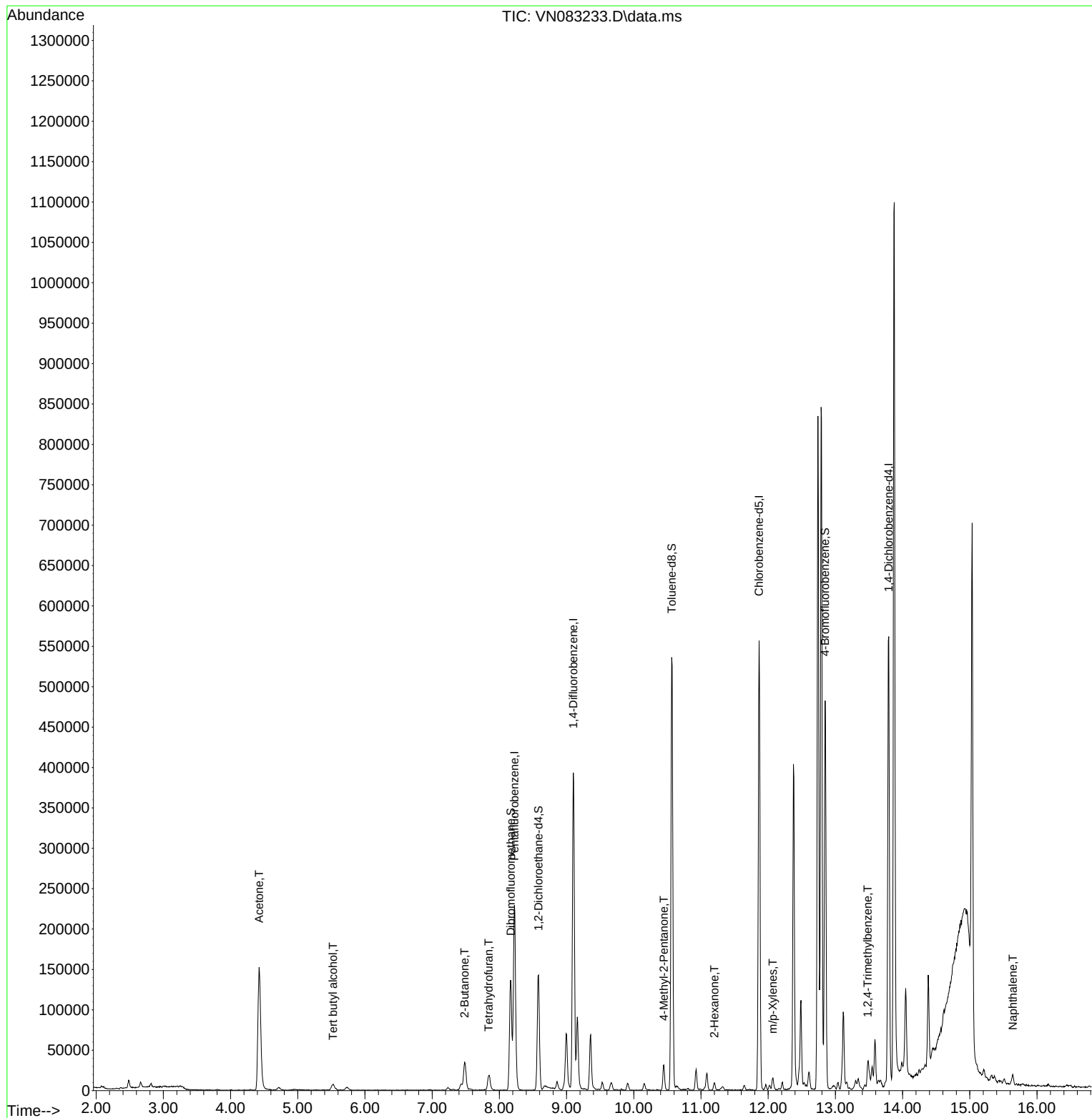
Internal Standards						
1) Pentafluorobenzene	8.224	168	158612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	303036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	308495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	146802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	124843	55.297	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.600%			
35) Dibromofluoromethane	8.171	113	98487	52.069	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.140%			
50) Toluene-d8	10.565	98	372766	52.832	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.660%			
62) 4-Bromofluorobenzene	12.847	95	164758	59.896	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 119.800%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.524	59	13879	29.581	ug/l	98
16) Acetone	4.424	43	292360	330.942	ug/l	95
25) 2-Butanone	7.483	43	58303	42.982	ug/l	96
29) Tetrahydrofuran	7.841	42	15438	17.606	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	22359	7.380	ug/l	95
59) 2-Hexanone	11.200	43	5829	2.487	ug/l	95
68) m/p-Xylenes	12.071	106	4429	0.945	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	16426	1.586	ug/l	99
95) Naphthalene	15.641	128	8451	0.857	ug/l #	94

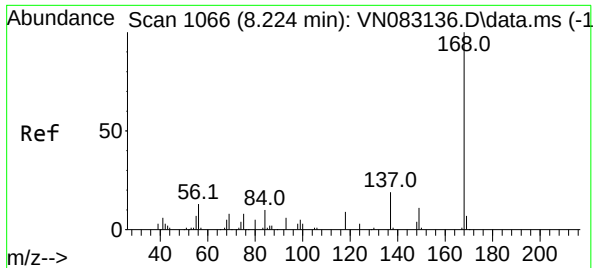
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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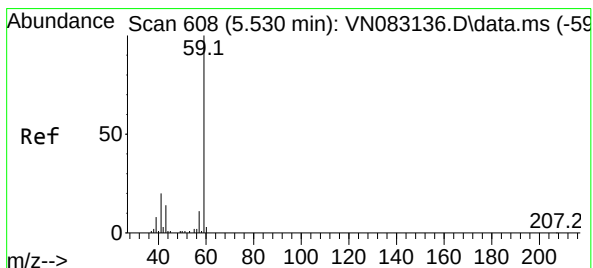
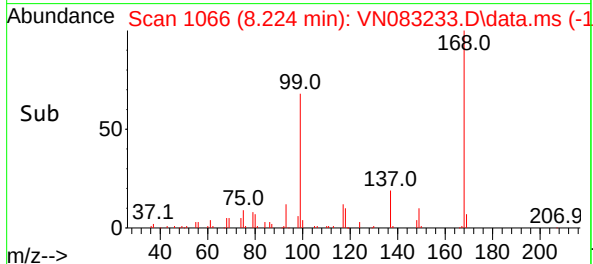
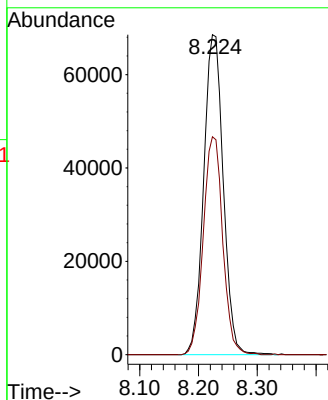
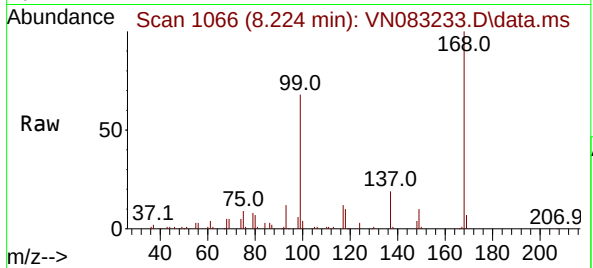




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VN083233.D
 Acq: 12 Aug 2024 13:23

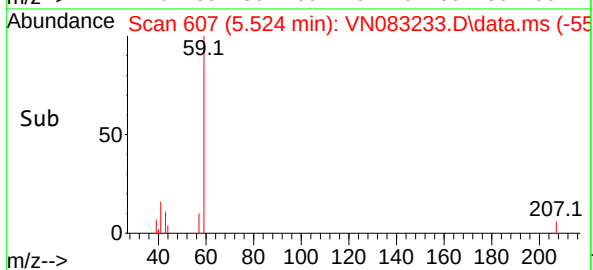
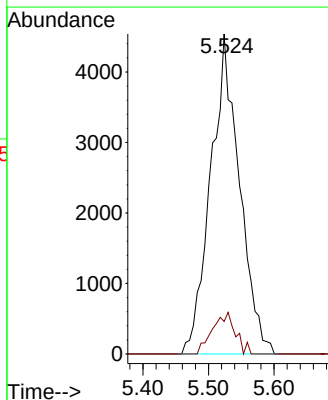
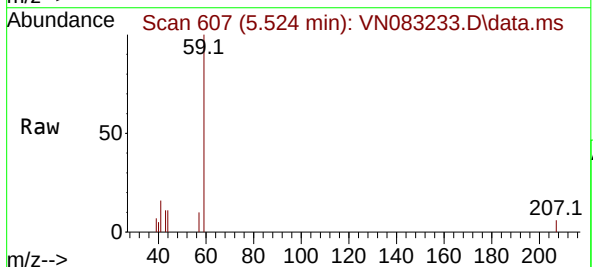
Instrument :
 MSVOA_N
 ClientSampleId :
 BUR-1295

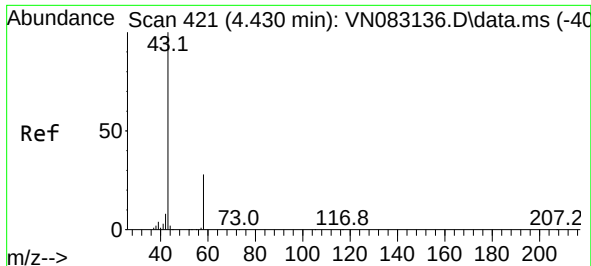
Tgt Ion:168 Resp: 158612
 Ion Ratio Lower Upper
 168 100
 99 68.1 48.2 72.4



#11
 Tert butyl alcohol
 Concen: 29.581 ug/l
 RT: 5.524 min Scan# 607
 Delta R.T. -0.006 min
 Lab File: VN083233.D
 Acq: 12 Aug 2024 13:23

Tgt Ion: 59 Resp: 13879
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.9 13.3

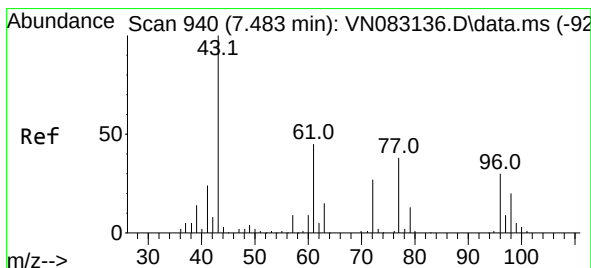
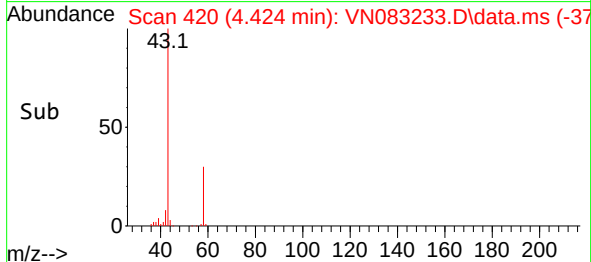
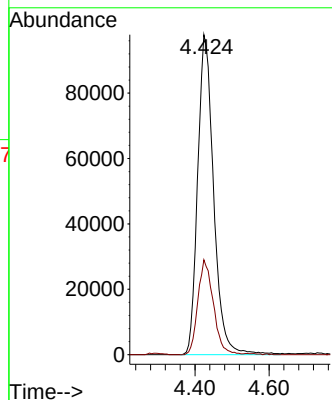
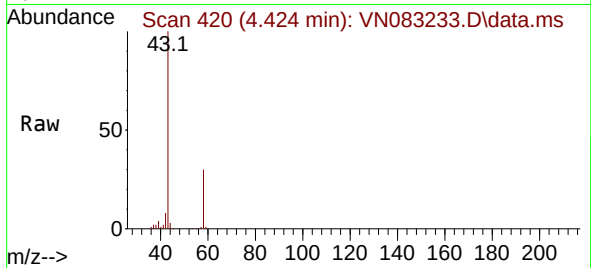




#16
Acetone
Concen: 330.942 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN083233.D
Acq: 12 Aug 2024 13:23

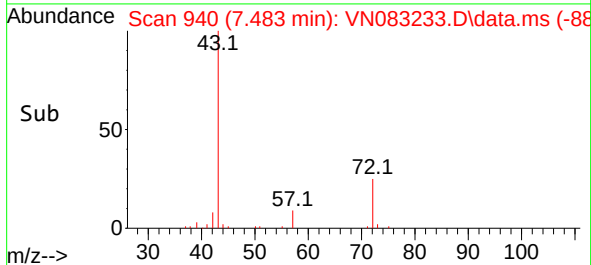
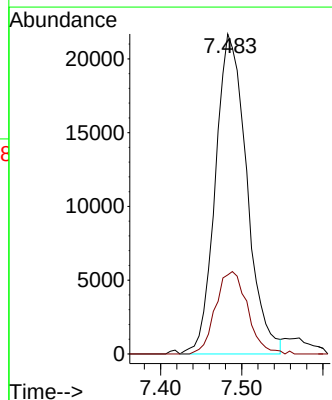
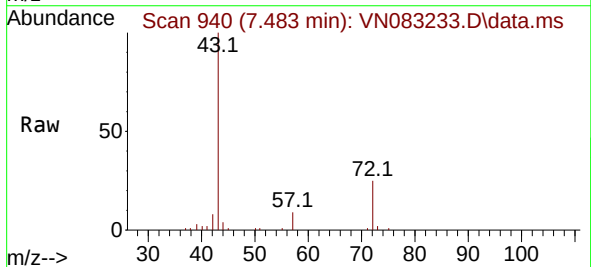
Instrument :
MSVOA_N
ClientSampleId :
BUR-1295

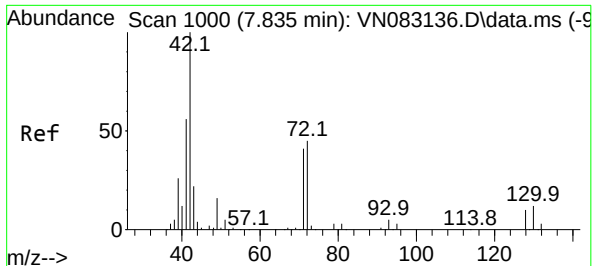
Tgt Ion: 43 Resp: 292360
Ion Ratio Lower Upper
43 100
58 29.6 21.8 32.6



#25
2-Butanone
Concen: 42.982 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN083233.D
Acq: 12 Aug 2024 13:23

Tgt Ion: 43 Resp: 58303
Ion Ratio Lower Upper
43 100
72 24.7 18.2 27.2





#29

Tetrahydrofuran

Concen: 17.606 ug/l

RT: 7.841 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN083233.D

Acq: 12 Aug 2024 13:23

Instrument :

MSVOA_N

ClientSampleId :

BUR-1295

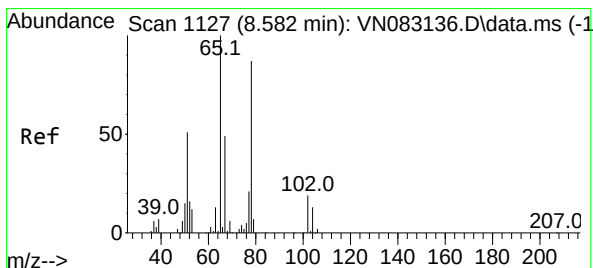
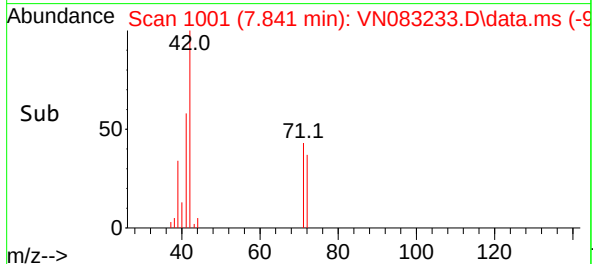
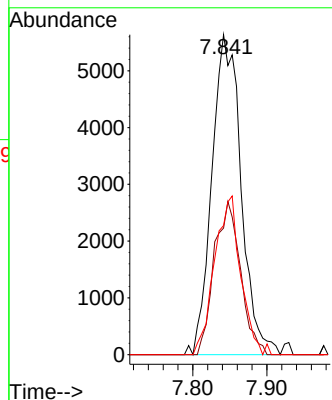
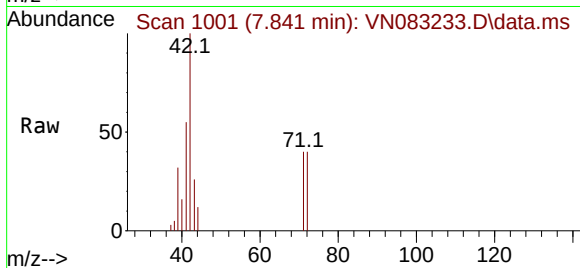
Tgt Ion: 42 Resp: 15438

Ion Ratio Lower Upper

42 100

72 43.2 30.0 45.0

71 44.5 28.3 42.5#



#33

1,2-Dichloroethane-d4

Concen: 55.297 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN083233.D

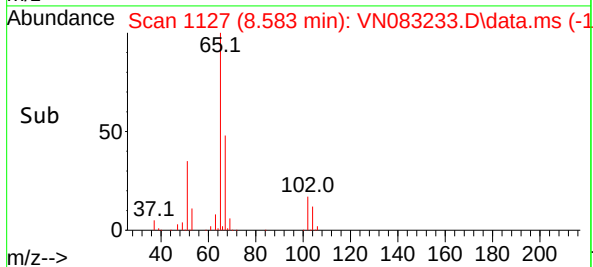
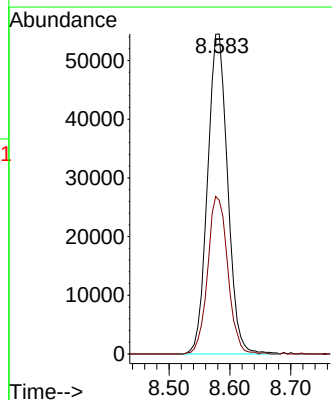
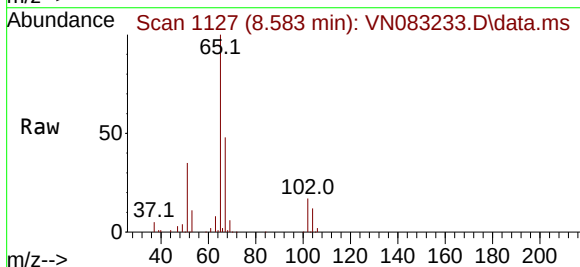
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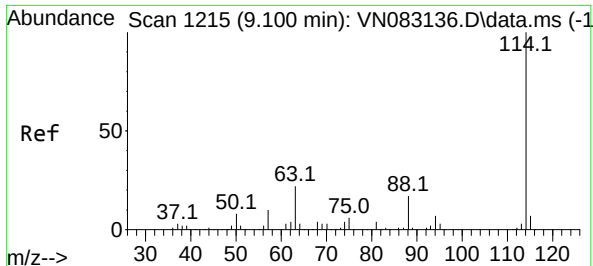
Tgt Ion: 65 Resp: 124843

Ion Ratio Lower Upper

65 100

67 49.2 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083233.D

Acq: 12 Aug 2024 13:23

Instrument :

MSVOA_N

ClientSampleId :

BUR-1295

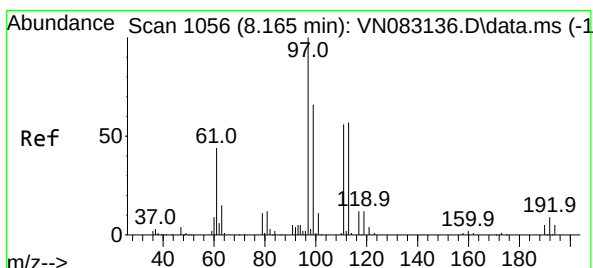
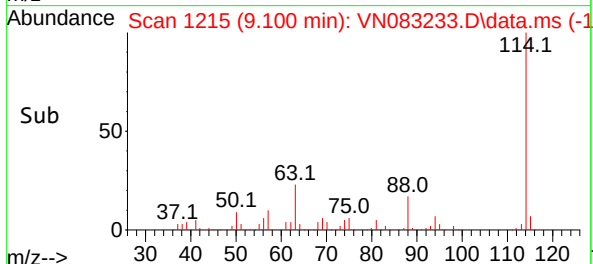
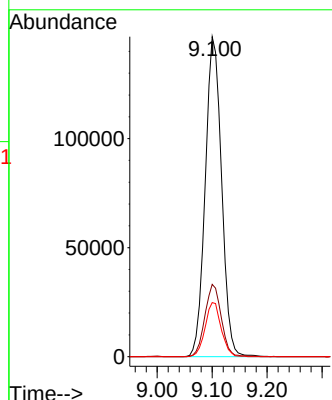
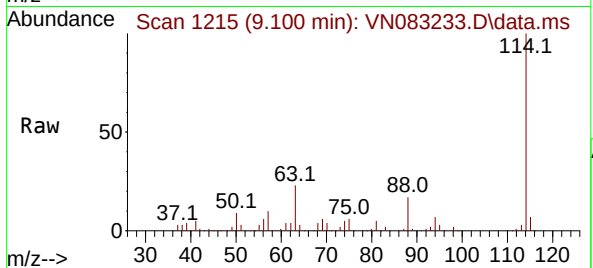
Tgt Ion:114 Resp: 303036

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.6

88 16.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 52.069 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN083233.D

Acq: 12 Aug 2024 13:23

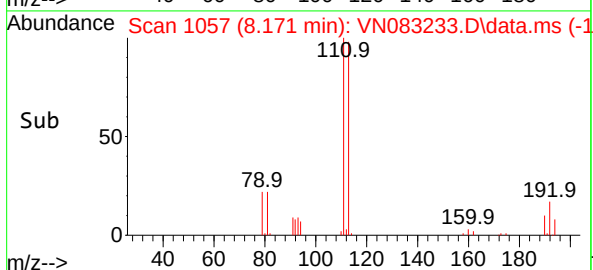
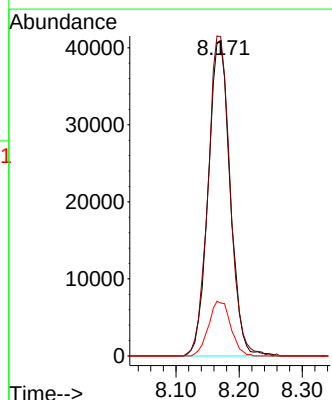
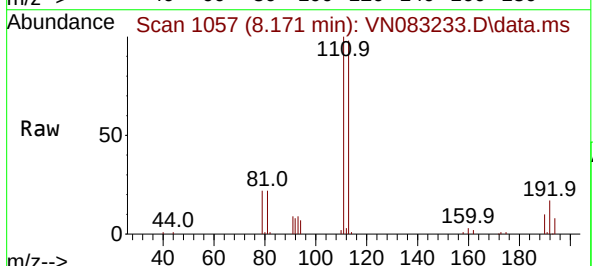
Tgt Ion:113 Resp: 98487

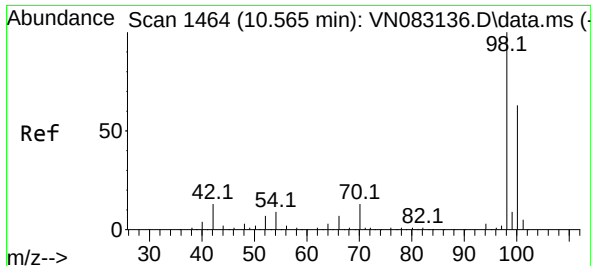
Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

192 17.6 14.9 22.3

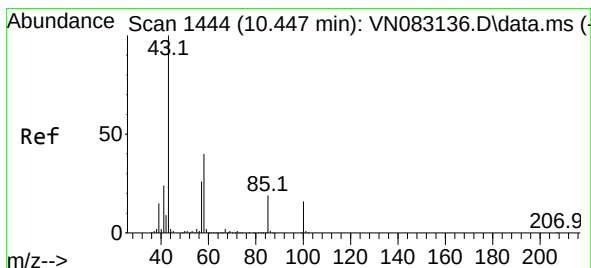
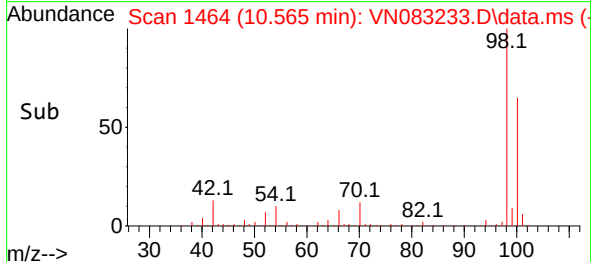
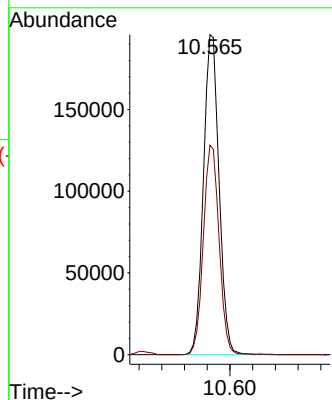
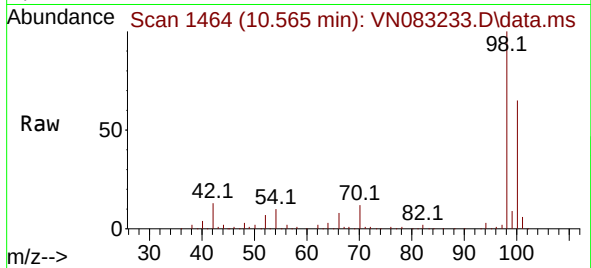




#50
Toluene-d8
Concen: 52.832 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083233.D
Acq: 12 Aug 2024 13:23

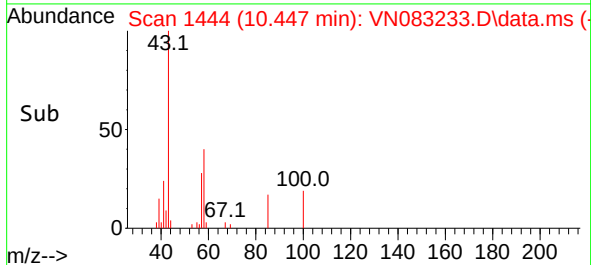
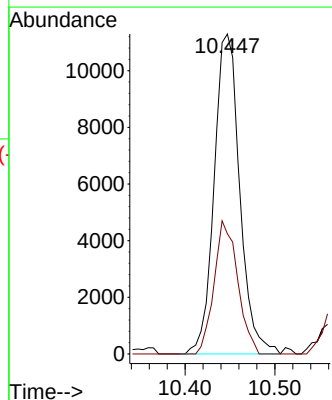
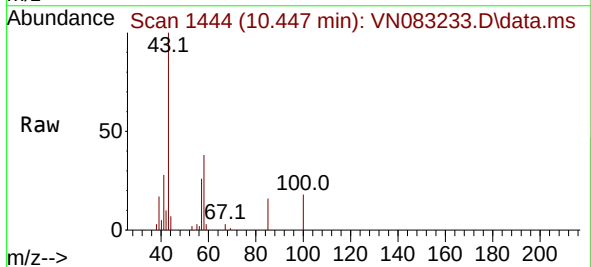
Instrument :
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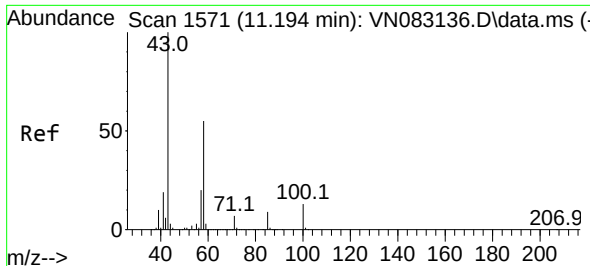
Tgt Ion: 98 Resp: 372766
Ion Ratio Lower Upper
98 100
100 65.9 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 7.380 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN083233.D
Acq: 12 Aug 2024 13:23

Tgt Ion: 43 Resp: 22359
Ion Ratio Lower Upper
43 100
58 38.3 28.2 42.4

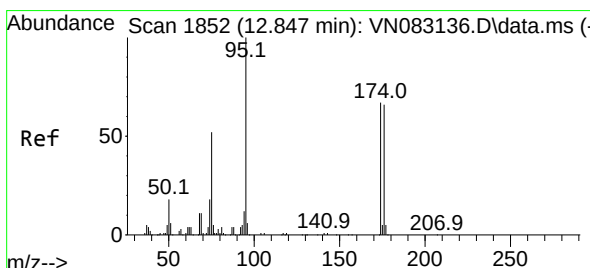
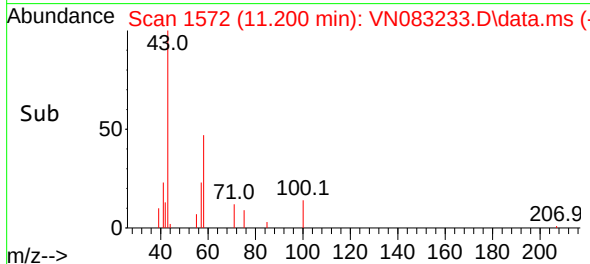
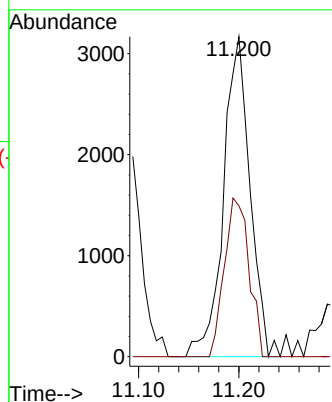
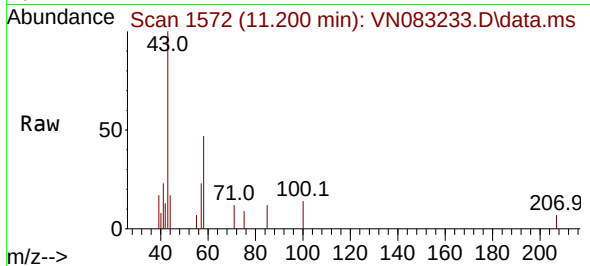




#59
2-Hexanone
Concen: 2.487 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN083233.D
Acq: 12 Aug 2024 13:23

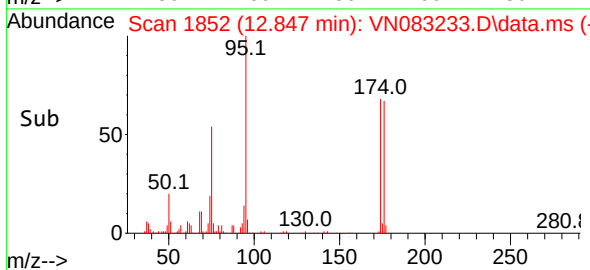
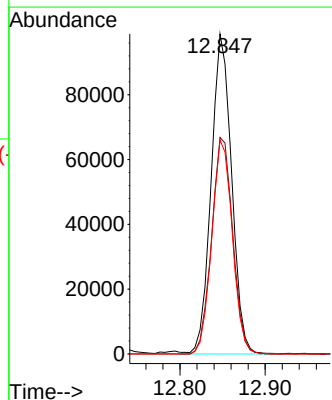
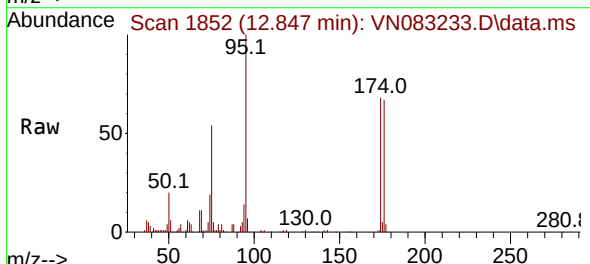
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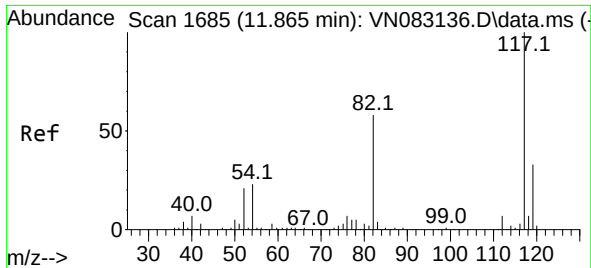
Tgt Ion: 43 Resp: 5829
Ion Ratio Lower Upper
43 100
58 46.0 24.6 73.8



#62
4-Bromofluorobenzene
Concen: 59.896 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083233.D
Acq: 12 Aug 2024 13:23

Tgt Ion: 95 Resp: 164758
Ion Ratio Lower Upper
95 100
174 69.7 0.0 159.2
176 67.0 0.0 147.6

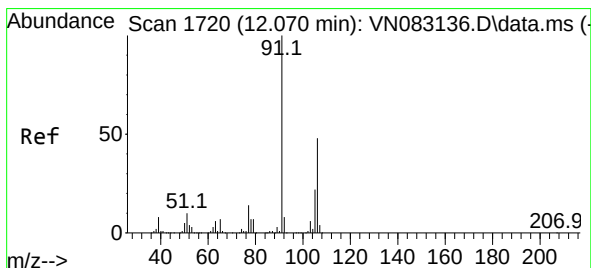
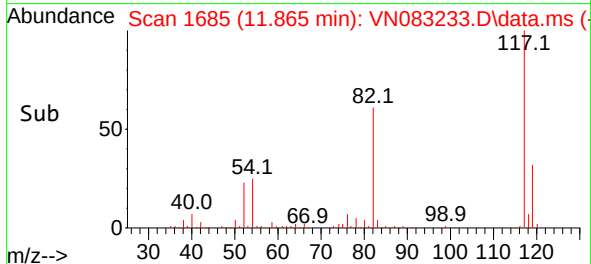
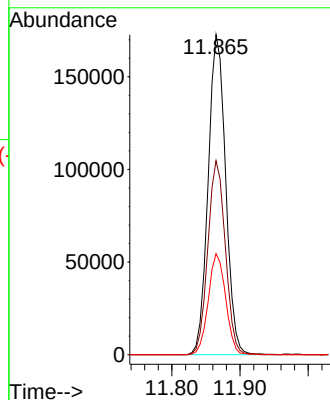
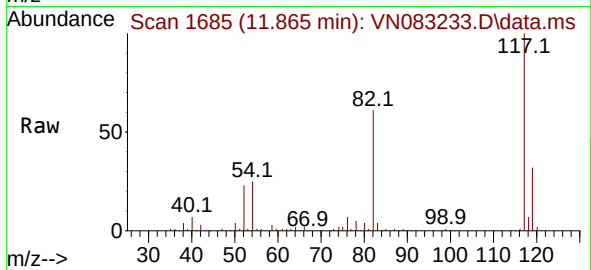




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083233.D
Acq: 12 Aug 2024 13:23

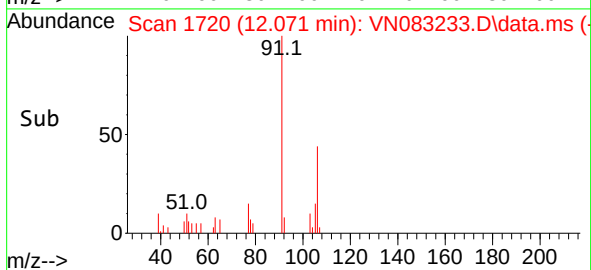
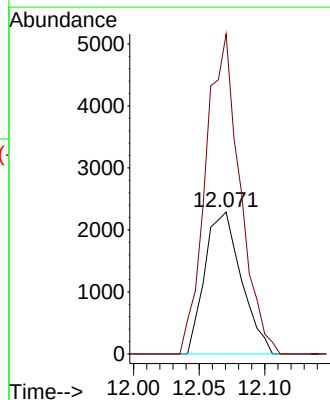
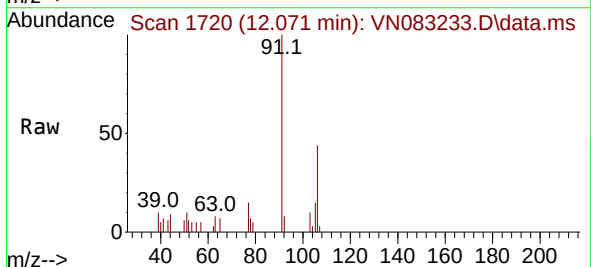
Instrument :
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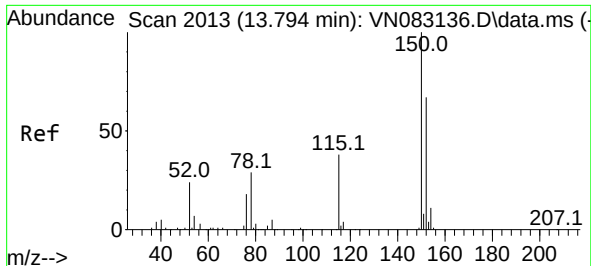
Tgt Ion:117 Resp: 308495
Ion Ratio Lower Upper
117 100
82 60.6 47.5 71.3
119 31.6 25.6 38.4



#68
m/p-Xylenes
Concen: 0.945 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN083233.D
Acq: 12 Aug 2024 13:23

Tgt Ion:106 Resp: 4429
Ion Ratio Lower Upper
106 100
91 212.0 166.1 249.1

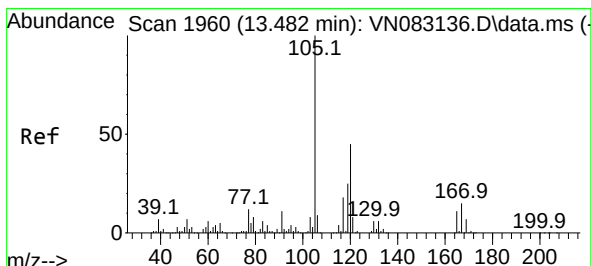
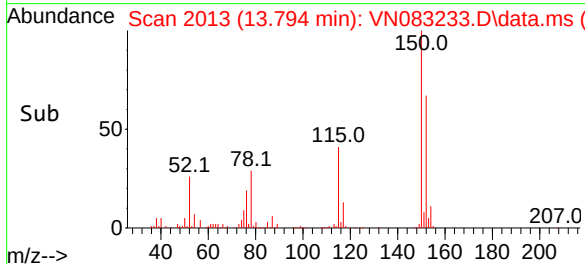
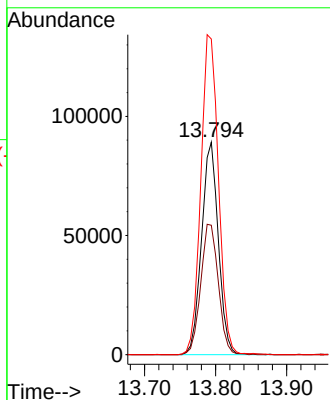
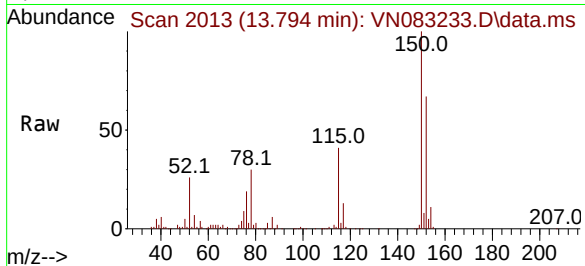




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN083233.D
 Acq: 12 Aug 2024 13:23

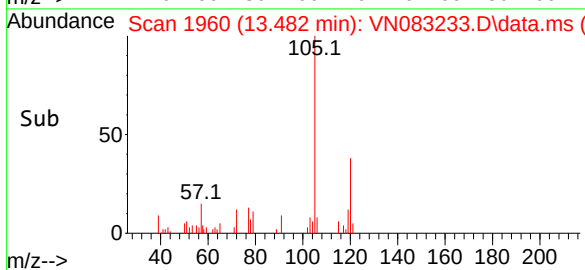
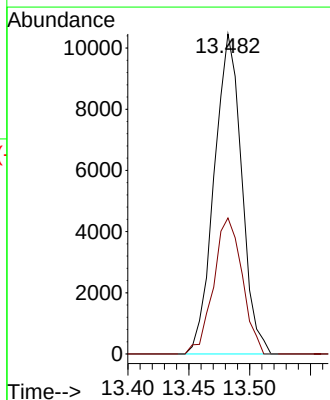
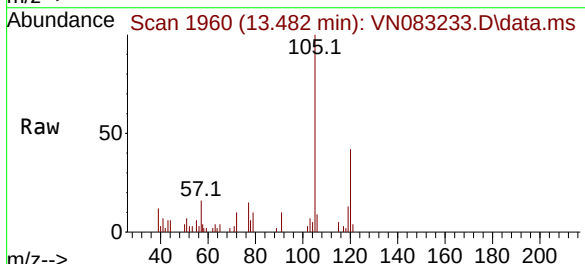
Instrument :
 MSVOA_N
 ClientSampleId :
 BUR-1295

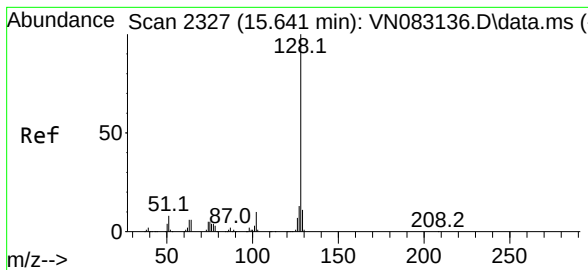
Tgt Ion:152 Resp: 146802
 Ion Ratio Lower Upper
 152 100
 115 64.4 30.6 91.6
 150 158.0 0.0 348.6



#84
 1,2,4-Trimethylbenzene
 Concen: 1.586 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN083233.D
 Acq: 12 Aug 2024 13:23

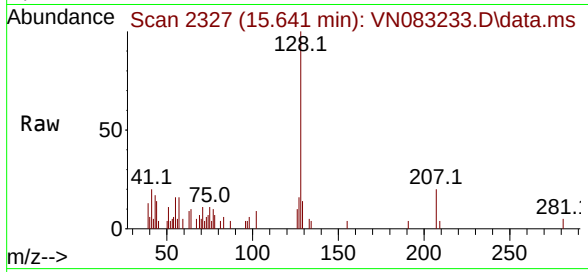
Tgt Ion:105 Resp: 16426
 Ion Ratio Lower Upper
 105 100
 120 44.3 21.9 65.8





#95
Naphthalene
Concen: 0.857 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN083233.D
Acq: 12 Aug 2024 13:23

Instrument :
MSVOA_N
ClientSampleId :
BUR-1295



Tgt Ion:	128	Resp:	8451
Ion	Ratio	Lower	Upper
128	100		
127	17.3	10.6	16.0#
129	10.9	8.6	12.8

